

INTRODUCTION

The fact sheets in this document summarize the basic 2000 Toxics Release Inventory (TRI) data for each state. This document serves as a companion volume to EPA's *2000 Toxics Release Inventory Public Data Release* (EPA 260-R-02-003), a more detailed examination of TRI data for 2000 and previous years.

The TRI is a publicly available database containing information about releases and other waste management of toxic chemicals by reporting facilities. The TRI was established by section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986. EPCRA was passed to promote planning for chemical emergencies and to provide information to the public about the presence and release of toxic and hazardous chemicals in their communities. Following passage of the Pollution Prevention Act of 1990, the TRI was expanded to include reporting of additional waste management and pollution prevention activities.

For the reporting year 2000, TRI was expanded to include new persistent bioaccumulative toxic (PBT) chemicals. In addition, reporting thresholds were lowered for both the newly added PBT chemicals and certain PBT chemicals already on the TRI list. In a rule (64 FR 58666) finalized on October 29, 1999, EPA added six PBT chemicals and one PBT chemical compound category. Two of the chemicals were added to the Polycyclic Aromatic Compounds (PACs) category. The rule also lowered reporting thresholds for 15 PBT chemicals and three PBT chemical categories. Chapter 3 of the companion volume 2000 Toxics Release Inventory Public Data Release (EPA 260-R-02-003) presents detailed information on and TRI data for the PBT chemicals.

In a separate action, as part of this same rulemaking, EPA added vanadium compounds to the list of TRI chemicals and changed the reporting qualifier for vanadium (already on the list of TRI chemicals) from "fume or dust" to "except when contained in an alloy." Vanadium and vanadium compounds have

not been classified as PBT chemicals.

Facilities in the manufacturing sector (Standard Industrial Classification codes 20 through 39) have been required to report to TRI since its inception. Beginning with reporting year 1994, federal facilities have also been required to report to TRI. Reporting year 1998 was the first year of reporting by seven additional industries:

- Metal mining (SIC code 10, except 1011, 1081, and 1094),
- Coal mining (SIC code 12, except 1241),
- Electrical utilities that combust coal and/or oil (SIC codes 4911, 4931, and 4939),
- RCRA subtitle C hazardous waste treatment and disposal facilities (in SIC code 4953),
- Chemical wholesale distributors (SIC code 5169),
- Petroleum terminals and bulk storage facilities (SIC code 5171), and
- Solvent recovery services (SIC code 7389).

In the TRI public data release materials, including this volume, reporting by two of these industries — solvent recovery services and RCRA subtitle C hazardous waste treatment and disposal facilities — is analyzed together.

By July 1 each year, facilities must report their estimated amounts of releases and other waste management of toxic chemicals for the preceding calendar year. Facilities provide this information to EPA and to the state in which they are located. For 2000, 23,484 facilities filed 91,513 individual chemical reporting forms. After completion of data entry and data quality assurance activities, EPA makes these data available to the public through on-line databases and a variety of other means, including this report.



2000 Toxics Release Inventory

For further information about TRI and for assistance in obtaining TRI documents, contact the EPCRA Information Hotline at 1-800-424-9346. For assistance in obtaining access to the data, contact the TRI User Support Service at 202-566-0250 or via e-mail at tri.us@epa.gov. For further information about individual state TRI programs, contact the state TRI coordinator listed at the bottom of the fact sheet for that state.

TRI DATA BY STATE: OVERVIEW

Tables on the following pages summarize 2000 TRI reporting by state. For 2000, individual tables rank states and summarize their data for:

- **on- and off-site releases** (includes transfers out-of-state for disposal and, for tables with all industries, excludes transfers to disposal sent to other TRI facilities that reported the amount as an on-site release),
- **on-site releases** (includes amounts released at the facility; excludes amounts transferred to other sites for disposal),
- **releases within each state** (includes off-site releases sent into the state by facilities in other locations, excludes transfers out-of-state for disposal, and excludes transfers to disposal sent to other TRI facilities that reported the amount as an on-site release),
- **transfers for further waste management** — sent to recycling, energy recovery, treatment, and Publicly Owned Treatment Works (POTWs) — or for disposal (excluding metals sent to POTWs), and
- **transfers of metals** (and their compounds) and non-metals to POTWs.

Additional tables summarize on-site and off-site releases, as well as on-site releases, separately for new and original reporting industries. Whereas the tables for all industries and the individual state fact

sheet pages exclude transfers to disposal sent to other TRI facilities that reported the amount as an on-site release, the tables showing on-site and off-site releases for original and new industries separately for 1998, 1999 and 2000 do not. These include Tables 6, 8, 11, 12, 14, 15, 17 and 18.

Tables 10 through 12 present 2000 data for the subset of chemicals that do not include PBT chemicals and vanadium and vanadium compounds. The reporting thresholds for PBT chemicals on the TRI chemical list prior to 2000 have been lowered and the reporting definition for vanadium was changed. Other PBT chemicals were added to the TRI chemical list at the lowered threshold and vanadium compounds was also added. Therefore, amounts reported for 2000 for these chemicals are not comparable to amounts reported in prior years.

The final tables supply totals for on- and off-site releases for the six-year period, 1995-2000 and for 1988 and 1995-2000. This last table does not include data on chemicals whose reporting requirements have changed during the period 1988 through 2000. Therefore, it does not include delisted chemicals, chemicals added in 1990, 1991, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, sulfuric acid, PBT chemicals, vanadium and vanadium compounds.

The following section, "Description of the Fact Sheets," explains data provided in these summary tables as well as in the individual state fact sheets.

DESCRIPTION OF THE FACT SHEETS

Each four-page state fact sheet provides the following:

State Summary Data (First Page for Each State)

Data are presented for the original industries (those which have been required to report to TRI since its inception and federal facilities), new industries reporting for the first time in 1998, and the total for all industries.

- **Reported Releases and Waste Management Activities:**

- **On- and Off-site Releases:** The amounts of toxic chemicals released to air, water, and land and injected into underground wells (on-site releases) at reporting facilities within the state and the amounts of toxic chemicals transferred off-site to disposal (off-site releases) by reporting facilities within the state. Off-site releases include transfers to disposal of all TRI chemicals plus transfers of metals and metal compounds to solidification/stabilization, to wastewater treatment (excluding POTWs), and to POTWs. Off-site transfer data exclude amounts sent for disposal to other TRI facilities that report those amounts as on-site releases.
- **Waste Management:** Quantities of TRI chemicals in Production-related Waste Managed by reporting facilities, including recycling, energy recovery, and treatment on-site and off-site, as well as the quantity released on- and off-site. Non-production related Waste Managed includes quantities released as the result of one-time events, for example, remedial activities or catastrophic events.
- **Transfers Off-site for Further Waste Management/Disposal:** Amounts of TRI chemicals sent off-site whether for further waste management — recycling, energy recovery, treatment, POTWs — or for disposal (off-site releases). For amounts transferred to POTWs, metals and metal compounds are identified separately from non-metals.
- **State map** with triangles and squares marking the location of each facility reporting to the TRI in 2000, specifically squares for new industries and triangles for original industries. Triangles and squares are proportionally sized to represent each facility's total on-site releases.
- **Population** and **area** of the state, the **number of facilities** reporting to TRI from the state, and the **number of forms** submitted by those facilities. Population statistics for the 50 states and the District of Columbia are 2000 U.S. Census estimates as of July 1, 2000; the 2000 U.S. Census estimates for American Samoa, Guam, the Northern Marianas, Puerto Rico, and the Virgin Islands are estimates as of April 1, 2000.
- The state's **national rank** (and pounds) for total on- and off-site releases (includes transfers out-of-state for disposal and exclude transfer amounts sent to other TRI facilities reporting that amount as on-site releases), for total on-site releases (includes amounts released at the facility; excludes amounts transferred to other sites), for total releases within the state (includes off-site releases sent into the state by facilities in other locations, excludes transfers out-of-state for disposal and transfers to other TRI facilities in the state reporting that amount as on-site releases), and for total production-related waste managed.
- **Contact** names, telephone numbers, and fax numbers for the state TRI coordinator and for the EPA TRI coordinator for the region in which the state is located.



2000 Toxics Release Inventory

Total On- and Off-site Releases is not the same as Quantity Released On- and Off-site. These *State Fact Sheets* present these amounts on the first page for each state. Facilities are also ranked separately in each state for both of these measures of releases.

The difference between these amounts arises primarily from the types of releases reported on different sections of the Form R. Total On- and Off-site Releases reflects all on-site releases collected in Section 5 of Form R plus off-site releases (transfers off-site for disposal) reported in Section 6 (including metals and metal compounds transferred to solidification/stabilization and to wastewater treatment, including POTWs). The Quantity Released On- and Off-site is reported in Section 8.1 of Form R. This quantity reflects production-related releases and excludes releases associated with catastrophic events, remedial actions, and other one-time events not related to production.

Other reasons also contribute to the different quantities reported in different sections of the Form R. For example, a release or transfer of less than 1,000 pounds may be reported in ranges in Section 5 and 6 whereas an exact amount must be included in Section 8. Furthermore, facilities may round off the quantities reported in Section 8 to two significant digits.

In 2000, some facilities reported transfers of metals and metal compounds to solidification/stabilization and to wastewater treatment (excluding POTWs) using incorrect disposal codes in Section 6 of Form R (codes M40 and M61). For the *2000 TRI Public Data Release* and the *State Fact Sheets*, off-site releases include these amounts. These facilities may have reported these transfers in Section 8 as treated off-site rather than incorporating the amounts into Quantity Released On- and Off-site. Because of the differences between Section 6 and Section 8 reporting, EPA cannot correct these Section 8 quantities.

Chemicals and Facilities with largest Amounts (Second through Fourth Pages for Each State)

Chemicals and facilities are ranked separately for all chemicals and for PBT chemicals. PBT chemicals on the TRI chemical list prior to the 2000 reporting year have had their reporting threshold lowered while other PBT chemicals were added to the TRI list for 2000.

- **The 5 chemicals released in the state in the largest amounts** (including transfers into the state for disposal and excluding transfers out-of-state for disposal, as well as transfers within the state to other TRI facilities reporting that amount as on-site releases). Ranking of chemicals includes on-site releases reported in Section 5 of TRI's Form R) and off-site releases (reported in Section 6 of TRI's Form R, including transfers of metals and metal compounds to solidification/stabilization and to wastewater treatment including POTWs). Data on all transfers into, within, and out of the state are also presented.
- **Releases of each PBT chemical** (including transfers into the state for disposal and excluding transfers out-of-state for disposal, as well as transfers within the state to other TRI facilities reporting that amount as on-site releases). The PBT chemicals are ranked based on on-site releases reported in Section 5 of TRI's Form R) and off-site releases (reported in Section 6 of TRI's Form R, including transfers of metals and metal compounds to solidification/stabilization and to wastewater treatment including POTWs). Data on all transfers into, within, and out of the state are also presented.
- **The 10 facilities reporting the largest amounts of total on-site releases of all TRI chemicals and of all PBT chemicals.** On-site releases are reported in Section 5 of TRI's Form R. Ranking of these facilities excludes amounts transferred off-site for disposal, although information on transfers within the state and out of state (reported in Section 6 of TRI's Form R) is provided.
- **The 10 facilities reporting the largest total quantities released on- and off-site of all TRI chemicals and of all PBT chemicals.** Quantities released on- and off-site are reported in Section 8.1 of TRI's Form R. These tables supply data for all categories of production-related waste managed and for non-production-related waste managed.

2000 Toxics Release Inventory



Table 1. TRI On-site and Off-site Releases by State, 2000, All Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal* Pounds	
Nevada	1,578,813	1,742,162	121,808	1,050	1,002,437,400	1,005,881,234	2,388,480	1,008,269,713
Utah	2,458,570	46,865,159	999,338	0	903,988,120	954,311,188	1,630,610	955,941,798
Arizona	1,303,975	3,885,185	9,238	0	737,242,453	742,440,850	2,279,299	744,720,149
Alaska	805,276	2,048,107	103,653	36,790,623	495,737,280	535,484,939	4,332	535,489,271
Texas	41,264,963	61,938,766	33,064,455	94,832,009	40,519,292	271,619,486	29,899,472	301,518,958
Ohio	15,427,991	129,421,294	7,670,188	30,288,567	46,810,886	229,618,927	53,401,069	283,019,996
Pennsylvania	9,043,939	87,854,709	43,260,726	0	14,787,090	154,946,464	70,966,313	225,912,777
Indiana	13,574,182	76,090,720	17,951,843	1,026,106	32,735,290	141,378,141	62,718,928	204,097,069
Tennessee	14,144,723	89,984,407	3,271,969	5	46,980,819	154,381,922	8,473,965	162,855,887
North Carolina	6,749,221	118,911,764	9,165,369	0	11,280,855	146,107,209	11,172,601	157,279,810
Louisiana	13,640,028	56,717,935	12,868,235	51,703,983	14,542,019	149,472,201	5,050,434	154,522,635
Alabama	9,250,929	71,914,676	6,858,252	154,024	47,000,566	135,178,446	15,458,258	150,636,704
Illinois	12,596,483	55,451,896	6,856,204	500	44,712,893	119,617,977	30,722,933	150,340,910
Florida	6,765,763	80,996,597	1,797,794	34,849,655	14,671,634	139,081,443	4,575,652	143,657,096
Michigan	6,109,076	65,087,057	1,134,859	2,057,816	33,039,616	107,428,425	32,761,569	140,189,994
Missouri	5,027,915	33,348,995	1,946,686	2	84,687,284	125,010,882	5,946,365	130,957,247
New Mexico	367,855	893,014	45,398	895	121,181,868	122,489,030	2,720,183	125,209,213
Georgia	8,280,436	87,844,209	6,504,826	0	14,860,845	117,490,316	4,718,475	122,208,791
Montana	587,858	5,687,349	47,461	0	110,675,133	116,997,802	5,151,637	122,149,439
Kentucky	6,895,154	61,652,328	3,467,850	3,092	21,296,114	93,314,537	8,116,395	101,430,933
West Virginia	4,052,580	69,320,815	4,667,332	14,409	13,494,319	91,549,456	6,164,147	97,713,602
Virginia	6,654,998	52,562,797	8,212,342	0	6,215,803	73,645,939	8,548,264	82,194,202
Oregon	2,507,747	13,921,324	3,607,695	0	55,402,779	75,439,546	6,720,116	82,159,662
Mississippi	6,825,215	38,204,988	13,541,571	12,591,718	8,217,749	79,381,241	1,702,199	81,083,440
South Carolina	6,843,159	48,899,922	2,962,485	0	5,126,299	63,831,865	15,536,959	79,368,824
Idaho	1,975,035	3,565,125	6,221,090	0	64,430,860	76,192,110	476,035	76,668,144
California	6,207,923	17,630,822	6,094,176	58,794	34,411,538	64,403,254	11,206,092	75,609,346
New York	3,895,299	29,429,992	8,992,560	250	8,329,309	50,647,409	9,888,859	60,536,268
Arkansas	4,834,079	21,459,615	2,289,707	1,464,573	6,824,038	36,872,013	14,562,449	51,434,462
Wisconsin	3,130,174	25,897,723	3,563,174	0	1,918,981	34,510,051	15,168,668	49,678,719
Maryland	1,111,832	34,950,730	3,564,265	54,434	3,925,048	43,606,310	1,587,983	45,194,293
Iowa	4,106,641	19,673,379	5,597,894	0	6,410,943	35,788,857	7,636,681	43,425,537
Kansas	2,969,065	14,022,471	1,248,496	487,909	8,604,056	27,331,997	11,015,386	38,347,383
Minnesota	2,896,541	12,270,762	1,361,628	0	9,841,615	26,370,545	6,632,672	33,003,217
Oklahoma	3,900,627	14,824,745	2,518,989	2,460,937	5,340,409	29,045,708	3,957,158	33,002,867
Washington	3,218,950	16,683,720	2,777,130	0	4,235,025	26,914,824	4,793,051	31,707,875
Colorado	879,193	2,952,001	3,171,556	0	17,754,944	24,757,694	5,842,812	30,600,506
Nebraska	1,331,861	7,037,043	10,830,967	0	5,543,497	24,743,369	5,318,015	30,061,384
New Jersey	2,996,001	14,169,150	5,547,375	4	195,513	22,908,043	6,102,406	29,010,449
North Dakota	347,407	2,939,922	125,839	0	10,676,965	14,090,132	10,110,286	24,200,419
Wyoming	557,530	1,483,357	24,521	9,365,405	8,466,185	19,896,998	1,234,450	21,131,448
Puerto Rico	2,508,703	14,978,229	111,380	2	12,085	17,610,399	1,004,589	18,614,988
Delaware	772,988	7,032,950	866,313	0	1,105,457	9,777,708	3,823,298	13,601,006
Massachusetts	1,007,887	8,277,984	199,958	0	370,712	9,856,540	3,140,087	12,996,627
Maine	709,704	5,685,113	2,149,436	0	899,300	9,443,553	1,153,850	10,597,403
South Dakota	609,362	1,440,284	2,316,585	822,600	4,294,224	9,483,056	122,697	9,605,753
Connecticut	1,624,965	3,937,441	815,903	0	49,441	6,427,750	2,318,852	8,746,602
New Hampshire	279,226	5,131,809	95,776	0	64,866	5,571,677	589,184	6,160,861
Rhode Island	289,439	703,376	1,348	0	26	994,189	281,361	1,275,550
Hawaii	210,823	846,262	1,224	7,284	31,833	1,097,425	176,546	1,273,971
Virgin Islands	152,082	433,782	78,726	0	7,091	671,681	14,109	685,790
Vermont	47,437	73,129	178,519	0	255	299,340	102,616	401,956
Guam	2,999	220,798	0	0	486	224,283	0	224,283
District of Columbia	0	53,008	272	0	12,978	66,258	7	66,265
American Samoa	16,780	0	0	0	0	16,780	0	16,780
Northern Marianas	798	7,192	0	0	0	7,990	0	7,990
Total	255,348,200	1,649,058,093	260,882,385	279,036,646	4,131,402,086	6,575,727,410	525,088,854	7,100,816,264

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.



2000 Toxics Release Inventory

Table 2. TRI On-site Releases by State, 2000, All Industries (Ordered by Total On-site Releases)

State	On-site Releases					Total On-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	
Nevada	1,578,813	1,742,162	121,808	1,050	1,002,437,400	1,005,881,234
Utah	2,458,570	46,865,159	999,338	0	903,988,120	954,311,188
Arizona	1,303,975	3,885,185	9,238	0	737,242,453	742,440,850
Alaska	805,276	2,048,107	103,653	36,790,623	495,737,280	535,484,939
Texas	41,264,963	61,938,766	33,064,455	94,832,009	40,519,292	271,619,486
Ohio	15,427,991	129,421,294	7,670,188	30,288,567	46,810,886	229,618,927
Pennsylvania	9,043,939	87,854,709	43,260,726	0	14,787,090	154,946,464
Tennessee	14,144,723	89,984,407	3,271,969	5	46,980,819	154,381,922
Louisiana	13,640,028	56,717,935	12,868,235	51,703,983	14,542,019	149,472,201
North Carolina	6,749,221	118,911,764	9,165,369	0	11,280,855	146,107,209
Indiana	13,574,182	76,090,720	17,951,843	1,026,106	32,735,290	141,378,141
Florida	6,765,763	80,996,597	1,797,794	34,849,655	14,671,634	139,081,443
Alabama	9,250,929	71,914,676	6,858,252	154,024	47,000,566	135,178,446
Missouri	5,027,915	33,348,995	1,946,686	2	84,687,284	125,010,882
New Mexico	367,855	893,014	45,398	895	121,181,868	122,489,030
Illinois	12,596,483	55,451,896	6,856,204	500	44,712,893	119,617,977
Georgia	8,280,436	87,844,209	6,504,826	0	14,860,845	117,490,316
Montana	587,858	5,687,349	47,461	0	110,675,133	116,997,802
Michigan	6,109,076	65,087,057	1,134,859	2,057,816	33,039,616	107,428,425
Kentucky	6,895,154	61,652,328	3,467,850	3,092	21,296,114	93,314,537
West Virginia	4,052,580	69,320,815	4,667,332	14,409	13,494,319	91,549,456
Mississippi	6,825,215	38,204,988	13,541,571	12,591,718	8,217,749	79,381,241
Idaho	1,975,035	3,565,125	6,221,090	0	64,430,860	76,192,110
Oregon	2,507,747	13,921,324	3,607,695	0	55,402,779	75,439,546
Virginia	6,654,998	52,562,797	8,212,342	0	6,215,803	73,645,939
California	6,207,923	17,630,822	6,094,176	58,794	34,411,538	64,403,254
South Carolina	6,843,159	48,899,922	2,962,485	0	5,126,299	63,831,865
New York	3,895,299	29,429,992	8,992,560	250	8,329,309	50,647,409
Maryland	1,111,832	34,950,730	3,564,265	54,434	3,925,048	43,606,310
Arkansas	4,834,079	21,459,615	2,289,707	1,464,573	6,824,038	36,872,013
Iowa	4,106,641	19,673,379	5,597,894	0	6,410,943	35,788,857
Wisconsin	3,130,174	25,897,723	3,563,174	0	1,918,981	34,510,051
Oklahoma	3,900,627	14,824,745	2,518,989	2,460,937	5,340,409	29,045,708
Kansas	2,969,065	14,022,471	1,248,496	487,909	8,604,056	27,331,997
Washington	3,218,950	16,683,720	2,777,130	0	4,235,025	26,914,824
Minnesota	2,896,541	12,270,762	1,361,628	0	9,841,615	26,370,545
Colorado	879,193	2,952,001	3,171,556	0	17,754,944	24,757,694
Nebraska	1,331,861	7,037,043	10,830,967	0	5,543,497	24,743,369
New Jersey	2,996,001	14,169,150	5,547,375	4	195,513	22,908,043
Wyoming	557,530	1,483,357	24,521	9,365,405	8,466,185	19,896,998
Puerto Rico	2,508,703	14,978,229	111,380	2	12,085	17,610,399
North Dakota	347,407	2,939,922	125,839	0	10,676,965	14,090,132
Massachusetts	1,007,887	8,277,984	199,958	0	370,712	9,856,540
Delaware	772,988	7,032,950	866,313	0	1,105,457	9,777,708
South Dakota	609,362	1,440,284	2,316,585	822,600	4,294,224	9,483,056
Maine	709,704	5,685,113	2,149,436	0	899,300	9,443,553
Connecticut	1,624,965	3,937,441	815,903	0	49,441	6,427,750
New Hampshire	279,226	5,131,809	95,776	0	64,866	5,571,677
Hawaii	210,823	846,262	1,224	7,284	31,833	1,097,425
Rhode Island	289,439	703,376	1,348	0	26	994,189
Virgin Islands	152,082	433,782	78,726	0	7,091	671,681
Vermont	47,437	73,129	178,519	0	255	299,340
Guam	2,999	220,798	0	0	486	224,283
District of Columbia	0	53,008	272	0	12,978	66,258
American Samoa	16,780	0	0	0	0	16,780
Northern Marianas	798	7,192	0	0	0	7,990
Total	255,348,200	1,649,058,093	260,882,385	279,036,646	4,131,402,086	6,575,727,410

2000 Toxics Release Inventory



Table 3. TRI Releases Within the State, 2000, All Industries (Ordered by Total Releases Within the State)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases (Transfers Off-site to Disposal)*		Total Releases Within the State Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transferred Into State Pounds	Transferred Within State Pounds	
Nevada	1,578,813	1,742,162	121,808	1,050	1,002,437,400	1,005,881,234	1,975,226	2,344,503	1,010,200,962
Utah	2,458,570	46,865,159	999,338	0	903,988,120	954,311,188	5,673,653	421,900	960,406,741
Arizona	1,303,975	3,885,185	9,238	0	737,242,453	742,440,850	1,255,789	894,699	744,591,339
Alaska	805,276	2,048,107	103,653	36,790,623	495,737,280	535,484,939	4,351	4,328	535,493,618
Ohio	15,427,991	129,421,294	7,670,188	30,288,567	46,810,886	229,618,927	53,317,644	43,377,951	326,314,522
Texas	41,264,963	61,938,766	33,064,455	94,832,009	40,519,292	271,619,486	7,056,251	21,560,809	300,236,545
Pennsylvania	9,043,939	87,854,709	43,260,726	0	14,787,090	154,946,464	13,461,959	63,391,248	231,799,672
Indiana	13,574,182	76,090,720	17,951,843	1,026,106	32,735,290	141,378,141	3,647,940	38,100,246	183,126,327
Illinois	12,596,483	55,451,896	6,856,204	500	44,712,893	119,617,977	28,110,501	25,124,417	172,852,895
Louisiana	13,640,028	56,717,935	12,868,235	51,703,983	14,542,019	149,472,201	17,312,779	3,910,690	170,695,670
Tennessee	14,144,723	89,984,407	3,271,969	5	46,980,819	154,381,922	596,131	6,671,493	161,649,546
Michigan	6,109,076	65,087,057	1,134,859	2,057,816	33,039,616	107,428,425	20,663,190	30,990,302	159,081,917
North Carolina	6,749,221	118,911,764	9,165,369	0	11,280,855	146,107,209	582,232	7,692,728	154,382,169
Alabama	9,250,929	71,914,676	6,858,252	154,024	47,000,566	135,178,446	5,433,016	5,386,156	145,997,618
Florida	6,765,763	80,996,597	1,797,794	34,849,655	14,671,634	139,081,443	386,796	3,598,702	143,066,942
Missouri	5,027,915	33,348,995	1,946,686	2	84,687,284	125,010,882	787,662	4,651,069	130,449,612
New Mexico	367,855	893,014	45,398	895	121,181,868	122,489,030	47,459	2,705,839	125,242,328
Georgia	8,280,436	87,844,209	6,504,826	0	14,860,845	117,490,316	1,673,191	2,892,105	122,055,612
Montana	587,858	5,687,349	47,461	0	110,675,133	116,997,802	0	148,542	117,146,344
Idaho	1,975,035	3,565,125	6,221,090	0	64,430,860	76,192,110	30,184,477	300,727	106,677,313
Kentucky	6,895,154	61,652,328	3,467,850	3,092	21,296,114	93,314,537	3,095,831	5,724,774	102,135,142
West Virginia	4,052,580	69,320,815	4,667,332	14,409	13,494,319	91,549,456	193,356	4,150,996	95,893,807
Virginia	6,654,998	52,562,797	8,212,342	0	6,215,803	73,645,939	258,912	7,580,381	81,485,232
Mississippi	6,825,215	38,204,988	13,541,571	12,591,718	8,217,749	79,381,241	245,627	887,819	80,514,688
Oregon	2,507,747	13,921,324	3,607,695	0	55,402,779	75,439,546	2,595,051	1,142,609	79,177,205
South Carolina	6,843,159	48,899,922	2,962,485	0	5,126,299	63,831,865	1,261,863	4,736,163	69,829,892
California	6,207,923	17,630,822	6,094,176	58,794	34,411,538	64,403,254	302,638	4,524,984	69,230,876
New York	3,895,299	29,429,992	8,992,560	250	8,329,309	50,647,409	1,267,463	4,229,932	56,144,805
Wisconsin	3,130,174	25,897,723	3,563,174	0	1,918,981	34,510,051	4,002,336	11,350,195	49,862,582
Maryland	1,111,832	34,950,730	3,564,265	54,434	3,925,048	43,606,310	416,946	1,251,808	45,275,064
Oklahoma	3,900,627	14,824,745	2,518,989	2,460,937	5,340,409	29,045,708	12,875,223	1,861,846	43,782,777
Arkansas	4,834,079	21,459,615	2,289,707	1,464,573	6,824,038	36,872,013	1,745,207	1,001,127	39,618,347
Iowa	4,106,641	19,673,379	5,597,894	0	6,410,943	35,788,857	86,933	3,024,035	38,899,824
Colorado	879,193	2,952,001	3,171,556	0	17,754,944	24,757,694	219,486	4,837,566	29,814,745
Minnesota	2,896,541	12,270,762	1,361,628	0	9,841,615	26,370,545	92,537	2,810,867	29,273,949
Washington	3,218,950	16,683,720	2,777,130	0	4,235,025	26,914,824	66,694	2,133,945	29,115,463
Kansas	2,969,065	14,022,471	1,248,496	487,909	8,604,056	27,331,997	261,196	1,150,612	28,743,805
Nebraska	1,331,861	7,037,043	10,830,967	0	5,543,497	24,743,369	1,948,114	1,468,159	28,159,642
New Jersey	2,996,001	14,169,150	5,547,375	4	195,513	22,908,043	771,128	3,714,675	27,393,847
North Dakota	347,407	2,939,922	125,839	0	10,676,965	14,090,132	205	10,104,198	24,194,535
Wyoming	557,530	1,483,357	24,521	9,365,405	8,466,185	19,896,998	21	805,261	20,702,280
Puerto Rico	2,508,703	14,978,229	111,380	2	12,085	17,610,399	0	609,966	18,220,365
Delaware	772,988	7,032,950	866,313	0	1,105,457	9,777,708	8,212	3,609,212	13,395,132
Massachusetts	1,007,887	8,277,984	199,958	0	370,712	9,856,540	614,762	1,912,224	12,383,526
Maine	709,704	5,685,113	2,149,436	0	899,300	9,443,553	260,991	993,200	10,697,745
South Dakota	609,362	1,440,284	2,316,585	822,600	4,294,224	9,483,056	366	106,893	9,590,315
Connecticut	1,624,965	3,937,441	815,903	0	49,441	6,427,750	457,676	602,372	7,487,798
New Hampshire	279,226	5,131,809	95,776	0	64,866	5,571,677	274,531	231,007	6,077,216
Rhode Island	289,439	703,376	1,348	0	26	994,189	162,254	54,574	1,211,016
Hawaii	210,823	846,262	1,224	7,284	31,833	1,097,425	0	60,624	1,158,049
Virgin Islands	152,082	433,782	78,726	0	7,091	671,681	0	0	671,681
Vermont	47,437	73,129	178,519	0	255	299,340	20,943	8,586	328,869
Guam	2,999	220,798	0	0	486	224,283	0	0	224,283
District of Columbia	0	53,008	272	0	12,978	66,258	459	0	66,717
American Samoa	16,780	0	0	0	0	16,780	0	0	16,780
Northern Marianas	798	7,192	0	0	0	7,990	0	0	7,990
Other**	0	0	0	0	0	0	7,884,096	0	7,884,096
Total	255,348,200	1,649,058,093	260,882,385	279,036,646	4,131,402,086	6,575,727,410	233,561,305	350,849,064	7,160,137,778

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.

** "Other" includes waste sent to other countries, to sites not identified by the reporting facility and transfers to POTWs in more than one state.



2000 Toxics Release Inventory

Table 4. TRI Transfers for Further Waste Management and Disposal by State, 2000, All Industries (Ordered by Total Transfers)

State	Transfers to Recycling Pounds	Transfers to Energy Recovery Pounds	Transfers to Treatment Pounds	Transfers to POTW's		Other Off-site Transfers* Pounds	Off-site Transfers to Disposal** Pounds	Total Transfers for Further Waste Management/Disposal Pounds
				Metals and Metal Compounds Pounds	Non-metal TRI Chemicals Pounds			
Texas	139,276,846	123,915,191	50,200,511	43,045	43,129,994	10,711	33,223,896	389,800,194
Ohio	181,795,664	46,832,212	16,176,694	313,339	22,756,509	32,604	60,224,616	328,131,639
Pennsylvania	195,712,498	16,421,630	15,077,984	107,764	8,274,745	22,897	73,136,021	308,753,539
Michigan	113,026,127	118,115,703	21,011,522	211,516	19,032,096	552	33,139,353	304,536,868
Indiana	149,904,406	14,542,242	8,059,447	110,833	6,807,988	49,360	67,688,108	247,162,384
Illinois	111,769,705	38,081,226	10,572,194	140,560	11,612,036	638	42,684,676	214,861,034
California	82,037,135	29,879,059	9,287,102	72,973	27,666,722	1,290	14,044,419	162,988,701
New Jersey	30,504,441	60,414,892	13,219,528	55,383	37,494,569	50	6,202,131	147,890,993
South Carolina	79,042,422	35,940,833	5,767,385	158,721	6,027,140	0	17,921,968	144,858,470
Arkansas	56,636,294	53,008,904	3,111,104	15,088	1,535,595	500	27,019,095	141,326,580
Alabama	44,311,103	31,937,069	17,353,555	17,463	5,103,683	208,300	20,416,776	119,347,949
Wisconsin	54,302,858	29,235,142	10,056,615	61,822	6,141,099	321	15,569,828	115,367,684
New York	82,739,616	3,937,023	5,229,011	188,504	10,918,015	613,966	10,999,040	114,625,175
Kentucky	50,540,732	31,837,473	8,743,336	80,797	7,583,418	0	8,542,283	107,326,039
North Carolina	75,635,902	8,967,267	6,580,529	146,697	3,316,446	0	11,476,997	106,123,838
Tennessee	63,060,745	7,458,404	2,085,919	54,972	4,498,013	9,502,481	8,974,894	95,635,429
Missouri	55,774,740	12,109,937	4,161,179	88,324	6,856,232	93,932	5,909,592	84,993,936
Georgia	47,501,649	14,607,193	3,786,159	410,687	4,489,885	599	7,930,721	78,726,893
Louisiana	32,891,263	18,844,855	14,806,726	9,633	553,522	58,212	5,271,075	72,435,286
Iowa	41,103,717	3,961,777	3,061,934	114,370	7,914,299	0	14,766,378	70,922,476
Virginia	26,294,109	9,161,405	1,516,627	65,113	16,621,338	0	8,524,016	62,182,608
Kansas	42,740,150	3,248,760	288,183	55,918	2,484,118	0	13,224,780	62,041,909
Puerto Rico	12,220,175	26,889,805	15,439,637	3,768	2,149,063	2,982	1,005,773	57,711,203
Minnesota	21,020,473	10,725,129	1,255,172	196,898	14,379,510	0	6,511,815	54,088,998
Massachusetts	23,580,571	7,365,018	4,889,652	39,481	10,464,735	4,705	3,119,613	49,463,775
Arizona	37,602,909	2,296,661	1,072,859	3,631	2,194,551	671	2,838,806	46,010,088
Connecticut	30,121,963	3,031,134	6,790,455	49,328	2,453,109	5	2,386,326	44,832,321
Mississippi	26,027,812	5,760,277	2,732,831	7,218	3,546,851	500	1,722,481	39,797,969
Florida	22,040,028	3,149,946	1,604,026	78,684	7,889,126	0	4,743,005	39,504,816
Oregon	13,868,177	1,296,279	568,498	66,047	11,194,564	5	10,974,169	37,967,740
Colorado	24,818,983	3,189,835	2,154,954	3,030	1,305,380	17,000	6,339,067	37,828,249
Nebraska	25,563,664	387,226	380,961	11,332	868,830	750	9,951,710	37,164,472
West Virginia	7,091,305	13,099,011	4,404,441	4,253	2,480,837	0	6,240,473	33,320,319
Oklahoma	21,813,419	1,187,940	484,862	12,680	1,380,229	1,371	4,039,075	28,919,576
Washington	11,930,563	1,808,412	1,002,124	3,703	4,190,310	2	5,359,082	24,294,196
Maryland	5,352,259	987,285	5,696,303	70,308	4,386,035	0	1,555,898	18,048,088
New Hampshire	14,845,769	1,616,991	121,531	4,227	815,664	0	590,809	17,994,991
Delaware	8,206,544	2,827,677	907,176	9,708	2,190,104	0	3,815,121	17,956,329
Rhode Island	13,570,730	985,426	1,171,873	4,837	456,578	9,906	279,109	16,478,459
North Dakota	720,988	41,999	4,115	526	467,328	0	10,109,768	11,344,724
Utah	3,940,061	154,566	670,408	1,809	957,441	0	5,420,288	11,144,573
New Mexico	2,410,526	158,676	77,312	831	643,923	0	5,132,876	8,424,144
Nevada	3,674,195	33,134	62,060	35	34,798	0	2,445,580	6,249,802
Maine	3,588,832	371,806	49,425	92,238	638,982	12	1,063,652	5,804,947
Montana	122,578	23,341	20,571	10	8,365	750	5,531,267	5,706,883
Idaho	1,539,908	113,205	32,318	705	929,057	0	500,832	3,116,025
Wyoming	406,410	3,206	1,570	15	265	124	1,754,698	2,166,288
Vermont	1,346,083	2,013	223,930	317	401,975	0	103,319	2,077,637
South Dakota	781,260	375,171	177,023	854	147,174	0	121,843	1,603,326
Hawaii	183,662	2,092	2,441	0	0	0	214,207	402,402
Virgin Islands	132,102	7,896	8,256	0	0	0	14,154	162,408
Alaska	111	1,804	2,588	4,203	25,015	0	879	34,601
District of Columbia	7,933	0	70	0	0	0	7	8,010
Guam	0	0	1,831	0	0	0	0	1,831
American Samoa	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0
Total	2,095,132,118	800,351,157	282,164,520	3,194,199	337,417,260	10,635,195	610,776,366	4,139,670,815

* Transfers reported without a valid waste management code.

** Excludes metals and metal compounds sent to POTWs.

2000 Toxics Release Inventory



**Table 5. TRI Transfers to POTWs by State, 2000, All Industries
(Ordered by Total Transfers to POTWs)**

State	Transfers of Metals and Metal Compounds Pounds	Transfers of Non-metal TRI Chemicals Pounds	Total Transfers to POTWs Pounds
Texas	43,045	43,129,994	43,173,039
New Jersey	55,383	37,494,569	37,549,952
California	72,973	27,666,722	27,739,695
Ohio	313,339	22,756,509	23,069,848
Michigan	211,516	19,032,096	19,243,612
Virginia	65,113	16,621,338	16,686,451
Minnesota	196,898	14,379,510	14,576,408
Illinois	140,560	11,612,036	11,752,596
Oregon	66,047	11,194,564	11,260,611
New York	188,504	10,918,015	11,106,518
Massachusetts	39,481	10,464,735	10,504,216
Pennsylvania	107,764	8,274,745	8,382,509
Iowa	114,370	7,914,299	8,028,669
Florida	78,684	7,889,126	7,967,811
Kentucky	80,797	7,583,418	7,664,215
Missouri	88,324	6,856,232	6,944,555
Indiana	110,833	6,807,988	6,918,822
Wisconsin	61,822	6,141,099	6,202,920
South Carolina	158,721	6,027,140	6,185,861
Alabama	17,463	5,103,683	5,121,146
Georgia	410,687	4,489,885	4,900,572
Tennessee	54,972	4,498,013	4,552,985
Maryland	70,308	4,386,035	4,456,343
Washington	3,703	4,190,310	4,194,013
Mississippi	7,218	3,546,851	3,554,069
North Carolina	146,697	3,316,446	3,463,143
Kansas	55,918	2,484,118	2,540,036
Connecticut	49,328	2,453,109	2,502,437
West Virginia	4,253	2,480,837	2,485,090
Delaware	9,708	2,190,104	2,199,812
Arizona	3,631	2,194,551	2,198,182
Puerto Rico	3,768	2,149,063	2,152,831
Arkansas	15,088	1,535,595	1,550,683
Oklahoma	12,680	1,380,229	1,392,909
Colorado	3,030	1,305,380	1,308,410
Utah	1,809	957,441	959,250
Idaho	705	929,057	929,762
Nebraska	11,332	868,830	880,162
New Hampshire	4,227	815,664	819,891
Maine	92,238	638,982	731,220
New Mexico	831	643,923	644,754
Louisiana	9,633	553,522	563,155
North Dakota	526	467,328	467,854
Rhode Island	4,837	456,578	461,415
Vermont	317	401,975	402,292
South Dakota	854	147,174	148,028
Nevada	35	34,798	34,833
Alaska	4,203	25,015	29,218
Montana	10	8,365	8,375
Wyoming	15	265	280
American Samoa	0	0	0
District of Columbia	0	0	0
Guam	0	0	0
Hawaii	0	0	0
Northern Marianas	0	0	0
Virgin Islands	0	0	0
Total	3,194,199	337,417,260	340,611,459



2000 Toxics Release Inventory

Table 6. TRI On-site and Off-site Releases by State, 2000, Original (Manufacturing) Industries (Ordered by Total Releases)*,**

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal Pounds	
Texas	41,043,190	56,120,859	33,012,868	89,397,332	7,181,203	226,755,453	21,271,598	248,027,050
Ohio	15,279,555	43,863,044	7,505,742	13,355,827	15,503,977	95,508,146	48,426,012	143,934,158
Pennsylvania	8,913,740	25,235,717	43,183,701	0	5,117,039	82,450,197	59,062,702	141,512,899
Indiana	13,500,923	33,837,937	17,770,796	1,026,106	13,253,281	79,389,044	59,005,044	138,394,088
Louisiana	13,602,050	55,295,931	12,785,742	42,556,468	6,098,176	130,338,368	5,045,866	135,384,234
Utah	2,337,220	44,799,436	990,717	0	56,545,243	104,672,616	5,178,010	109,850,626
Illinois	12,518,559	33,385,795	6,778,914	500	16,887,342	69,571,110	36,123,093	105,694,204
Tennessee	14,091,530	56,901,745	2,510,426	5	17,741,844	91,245,550	8,250,940	99,496,490
Alabama	9,210,090	38,199,526	6,634,821	5	8,436,393	62,480,835	19,812,057	82,292,892
Florida	6,655,662	26,272,709	1,745,477	34,849,655	2,107,551	71,631,053	2,849,561	74,480,614
Georgia	8,252,367	40,281,654	6,368,873	0	2,085,387	56,988,280	8,336,829	65,325,109
Mississippi	6,820,579	24,387,830	13,537,742	12,591,718	5,457,106	62,794,975	1,634,767	64,429,741
North Carolina	6,647,456	33,664,408	9,037,887	0	1,855,528	51,205,279	11,085,032	62,290,311
South Carolina	6,834,637	31,874,238	2,942,081	0	2,130,790	43,781,746	17,808,643	61,590,389
Michigan	6,077,431	27,777,485	1,031,658	2,057,816	1,837,166	38,781,556	21,757,858	60,539,414
Arkansas	4,815,584	20,414,777	2,267,154	1,464,573	4,318,767	33,280,856	26,560,897	59,841,753
Missouri	4,848,835	21,753,735	1,793,807	2	24,186,006	52,582,386	5,886,712	58,469,098
Virginia	6,607,258	33,947,601	8,052,505	0	1,714,370	50,321,733	7,511,117	57,832,851
Montana	471,869	4,777,010	47,436	0	41,555,356	46,851,672	5,392,760	52,244,432
California	5,986,924	16,788,127	6,090,338	58,794	4,648,813	33,572,997	8,992,959	42,565,956
Kentucky	6,858,619	20,396,752	2,474,726	3,092	3,673,690	33,406,880	7,753,358	41,160,238
Iowa	3,997,731	15,591,188	5,595,938	0	1,358,651	26,543,509	14,285,346	40,828,855
Arizona	770,467	1,893,759	7,164	0	35,734,216	38,405,606	1,184,064	39,589,669
Wisconsin	3,102,589	19,657,022	3,541,861	0	985,722	27,287,195	11,093,110	38,380,305
New York	3,828,613	12,045,834	8,626,031	250	389,845	24,890,573	6,796,733	31,687,306
Oregon	2,492,857	13,779,916	3,607,214	0	394,694	20,274,682	11,035,849	31,310,531
Kansas	2,944,725	11,769,872	1,246,046	487,909	1,656,778	18,105,330	12,849,055	30,954,385
Washington	3,082,302	15,616,486	2,776,004	0	406,111	21,880,903	4,735,421	26,616,325
Nebraska	1,304,214	3,215,181	10,830,702	0	659,106	16,009,204	9,780,730	25,789,933
Idaho	1,959,769	3,554,550	6,212,329	0	13,098,401	24,825,049	501,529	25,326,578
Oklahoma	3,883,091	13,421,174	2,508,227	72,393	785,474	20,670,359	3,103,160	23,773,519
Minnesota	2,890,154	11,159,383	1,341,693	0	230,147	15,621,378	3,987,390	19,608,767
New Jersey	2,800,691	4,704,469	5,534,296	4	194,388	13,233,848	5,365,107	18,598,955
West Virginia	2,962,817	6,879,513	3,851,047	10	24,035	13,717,422	3,893,078	17,610,499
Maryland	1,074,680	6,640,671	3,381,011	0	3,769,755	14,866,118	894,673	15,760,791
Wyoming	557,411	739,670	11,086	9,365,405	11,202	10,684,775	950,265	11,635,039
Maine	698,478	5,530,777	2,149,184	0	899,300	9,277,739	1,095,898	10,373,638
Delaware	772,049	2,383,744	828,150	0	724,467	4,708,410	3,533,674	8,242,084
Colorado	852,356	1,542,367	3,153,805	0	276,230	5,824,758	1,174,518	6,999,276
Connecticut	1,595,199	2,594,842	815,660	0	49,441	5,055,141	1,411,281	6,466,422
Puerto Rico	2,482,024	3,028,474	40,764	2	12,085	5,563,349	843,032	6,406,381
Massachusetts	938,412	2,656,040	139,065	0	9,723	3,743,240	1,938,101	5,681,342
Nevada	1,002,787	387,165	0	0	879,195	2,269,148	2,189,241	4,458,389
South Dakota	515,870	1,246,658	2,073,645	0	64,094	3,900,268	77,496	3,977,765
New Hampshire	267,721	1,865,990	94,538	0	46,849	2,275,098	585,764	2,860,862
North Dakota	340,569	1,807,156	42,346	0	2,864	2,192,935	36,036	2,228,971
Alaska	189,315	1,680,489	101,707	256	4,672	1,976,439	752	1,977,191
Rhode Island	263,890	656,065	1,218	0	26	921,198	280,119	1,201,317
New Mexico	291,657	290,187	37,297	895	124,694	744,730	94,665	839,395
Virgin Islands	151,918	402,782	78,716	0	7,091	640,507	14,154	654,661
Hawaii	159,287	185,049	1,224	7,284	31,833	384,677	154,148	538,824
Vermont	47,437	73,129	178,519	0	255	299,340	103,636	402,976
American Samoa	16,780	0	0	0	0	16,780	0	16,780
District of Columbia	0	0	272	0	12,978	13,250	7	13,257
Guam	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0
Total	249,611,942	856,975,920	255,370,170	207,296,301	305,179,352	1,874,433,686	491,733,848	2,366,167,533

* One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis.

** This table includes all off-site releases reported, including off-site transfers to disposal sent to other facilities that reported that amount as an on-site release. Such off-site transfers are only excluded where the table presents amounts for all TRI facilities, for example in Table 1. For amounts of off-site releases which exclude transfers to disposal to other TRI facilities reporting that amount as an on-site release see the individual state fact sheets.

2000 Toxics Release Inventory



**Table 7. TRI On-site Releases by State, 2000, Original (Manufacturing) Industries
(Ordered by Total On-site Releases)***

State	On-site Releases					Total On-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	
Texas	41,043,190	56,120,859	33,012,868	89,397,332	7,181,203	226,755,453
Louisiana	13,602,050	55,295,931	12,785,742	42,556,468	6,098,176	130,338,368
Utah	2,337,220	44,799,436	990,717	0	56,545,243	104,672,616
Ohio	15,279,555	43,863,044	7,505,742	13,355,827	15,503,977	95,508,146
Tennessee	14,091,530	56,901,745	2,510,426	5	17,741,844	91,245,550
Pennsylvania	8,913,740	25,235,717	43,183,701	0	5,117,039	82,450,197
Indiana	13,500,923	33,837,937	17,770,796	1,026,106	13,253,281	79,389,044
Florida	6,655,662	26,272,709	1,745,477	34,849,655	2,107,551	71,631,053
Illinois	12,518,559	33,385,795	6,778,914	500	16,887,342	69,571,110
Mississippi	6,820,579	24,387,830	13,537,742	12,591,718	5,457,106	62,794,975
Alabama	9,210,090	38,199,526	6,634,821	5	8,436,393	62,480,835
Georgia	8,252,367	40,281,654	6,368,873	0	2,085,387	56,988,280
Missouri	4,848,835	21,753,735	1,793,807	2	24,186,006	52,582,386
North Carolina	6,647,456	33,664,408	9,037,887	0	1,855,528	51,205,279
Virginia	6,607,258	33,947,601	8,052,505	0	1,714,370	50,321,733
Montana	471,869	4,777,010	47,436	0	41,555,356	46,851,672
South Carolina	6,834,637	31,874,238	2,942,081	0	2,130,790	43,781,746
Michigan	6,077,431	27,777,485	1,031,658	2,057,816	1,837,166	38,781,556
Arizona	770,467	1,893,759	7,164	0	35,734,216	38,405,606
California	5,986,924	16,788,127	6,090,338	58,794	4,648,813	33,572,997
Kentucky	6,858,619	20,396,752	2,474,726	3,092	3,673,690	33,406,880
Arkansas	4,815,584	20,414,777	2,267,154	1,464,573	4,318,767	33,280,856
Wisconsin	3,102,589	19,657,022	3,541,861	0	985,722	27,287,195
Iowa	3,997,731	15,591,188	5,595,938	0	1,358,651	26,543,509
New York	3,828,613	12,045,834	8,626,031	250	389,845	24,890,573
Idaho	1,959,769	3,554,550	6,212,329	0	13,098,401	24,825,049
Washington	3,082,302	15,616,486	2,776,004	0	406,111	21,880,903
Oklahoma	3,883,091	13,421,174	2,508,227	72,393	785,474	20,670,359
Oregon	2,492,857	13,779,916	3,607,214	0	394,694	20,274,682
Kansas	2,944,725	11,769,872	1,246,046	487,909	1,656,778	18,105,330
Nebraska	1,304,214	3,215,181	10,830,702	0	659,106	16,009,204
Minnesota	2,890,154	11,159,383	1,341,693	0	230,147	15,621,378
Maryland	1,074,680	6,640,671	3,381,011	0	3,769,755	14,866,118
West Virginia	2,962,817	6,879,513	3,851,047	10	24,035	13,717,422
New Jersey	2,800,691	4,704,469	5,534,296	4	194,388	13,233,848
Wyoming	557,411	739,670	11,086	9,365,405	11,202	10,684,775
Maine	698,478	5,530,777	2,149,184	0	899,300	9,277,739
Colorado	852,356	1,542,367	3,153,805	0	276,230	5,824,758
Puerto Rico	2,482,024	3,028,474	40,764	2	12,085	5,563,349
Connecticut	1,595,199	2,594,842	815,660	0	49,441	5,055,141
Delaware	772,049	2,383,744	828,150	0	724,467	4,708,410
South Dakota	515,870	1,246,658	2,073,645	0	64,094	3,900,268
Massachusetts	938,412	2,656,040	139,065	0	9,723	3,743,240
New Hampshire	267,721	1,865,990	94,538	0	46,849	2,275,098
Nevada	1,002,787	387,165	0	0	879,195	2,269,148
North Dakota	340,569	1,807,156	42,346	0	2,864	2,192,935
Alaska	189,315	1,680,489	101,707	256	4,672	1,976,439
Rhode Island	263,890	656,065	1,218	0	26	921,198
New Mexico	291,657	290,187	37,297	895	124,694	744,730
Virgin Islands	151,918	402,782	78,716	0	7,091	640,507
Hawaii	159,287	185,049	1,224	7,284	31,833	384,677
Vermont	47,437	73,129	178,519	0	255	299,340
American Samoa	16,780	0	0	0	0	16,780
District of Columbia	0	0	272	0	12,978	13,250
Total	249,611,942	856,975,920	255,370,170	207,296,301	305,179,352	1,874,433,686

* One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis.



2000 Toxics Release Inventory

Table 8. TRI On-site and Off-site Releases by State, 2000, New Industries (Ordered by Total Releases)*,**

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal Pounds	
Nevada	576,026	1,354,997	121,808	1,050	1,001,558,205	1,003,612,086	256,374	1,003,868,460
Utah	121,350	2,065,723	8,621	0	847,442,878	849,638,572	244,087	849,882,659
Arizona	533,508	1,991,426	2,074	0	701,508,237	704,035,245	1,658,373	705,693,618
Alaska	615,961	367,618	1,946	36,790,367	495,732,608	533,508,500	4,330	533,512,831
Ohio	148,436	85,558,250	164,446	16,932,740	31,306,909	134,110,781	12,111,943	146,222,725
New Mexico	76,198	602,827	8,101	0	121,057,174	121,744,300	5,039,042	126,783,342
North Carolina	101,765	85,247,357	127,482	0	9,425,327	94,901,930	538,662	95,440,592
Pennsylvania	130,199	62,618,992	77,025	0	9,670,051	72,496,267	14,181,083	86,677,351
Michigan	31,645	37,309,572	103,201	0	31,202,450	68,646,869	11,593,011	80,239,879
West Virginia	1,089,763	62,441,303	816,286	14,399	13,470,284	77,832,034	2,351,648	80,183,682
Alabama	40,839	33,715,150	223,431	154,019	38,564,173	72,697,611	622,182	73,319,793
Missouri	179,080	11,595,260	152,879	0	60,501,278	72,428,496	111,204	72,539,700
Indiana	73,259	42,252,783	181,047	0	19,482,009	61,989,097	8,793,896	70,782,994
Montana	115,989	910,339	25	0	69,119,778	70,146,130	138,517	70,284,647
Florida	110,101	54,723,888	52,318	0	12,564,083	67,450,390	1,972,129	69,422,519
Tennessee	53,192	33,082,662	761,543	0	29,238,975	63,136,372	778,926	63,915,298
Kentucky	36,535	41,255,575	993,125	0	17,622,423	59,907,658	869,722	60,777,380
Georgia	28,069	47,562,555	135,954	0	12,775,458	60,502,036	4,579	60,506,615
Texas	221,773	5,817,907	51,588	5,434,677	33,338,088	44,864,033	11,995,344	56,859,377
Illinois	77,924	22,066,101	77,290	0	27,825,551	50,046,866	6,702,142	56,749,009
Oregon	14,890	141,408	481	0	55,008,085	55,164,864	4,367	55,169,231
Idaho	15,266	10,575	8,761	0	51,332,459	51,367,061	8	51,367,069
California	220,999	842,695	3,839	0	29,762,725	30,830,257	5,124,434	35,954,691
New York	66,686	17,384,158	366,529	0	7,939,464	25,756,836	4,390,810	30,147,647
Maryland	37,152	28,310,059	183,253	54,434	155,293	28,740,192	731,533	29,471,725
Virginia	47,740	18,615,196	159,837	0	4,501,433	23,324,206	1,078,011	24,402,217
Colorado	26,837	1,409,634	17,751	0	17,478,713	18,932,936	5,167,580	24,100,516
North Dakota	6,837	1,132,766	83,493	0	10,674,101	11,897,197	10,074,258	21,971,456
South Carolina	8,522	17,025,684	20,404	0	2,995,509	20,050,119	272,047	20,322,166
Louisiana	37,978	1,422,005	82,493	9,147,515	8,443,843	19,133,833	234,842	19,368,675
Mississippi	4,636	13,817,159	3,829	0	2,760,643	16,586,267	94,932	16,681,199
Minnesota	6,386	1,111,379	19,935	0	9,611,467	10,749,167	2,721,324	13,470,491
Puerto Rico	26,679	11,949,755	70,616	0	0	12,047,050	166,508	12,213,558
Wisconsin	27,585	6,240,700	21,312	0	933,259	7,222,856	4,538,540	11,761,396
New Jersey	195,311	9,464,681	13,079	0	1,125	9,674,195	892,407	10,566,603
Wyoming	118	743,686	13,435	0	8,454,984	9,212,223	804,448	10,016,671
Iowa	108,910	4,082,190	1,956	0	5,052,292	9,245,348	595,402	9,840,750
Kansas	24,341	2,252,599	2,450	0	6,947,278	9,226,667	431,643	9,658,310
Oklahoma	17,536	1,403,572	10,762	2,388,544	4,554,935	8,375,349	948,595	9,323,944
Nebraska	27,647	3,821,862	265	0	4,884,391	8,734,165	182,312	8,916,477
Massachusetts	69,475	5,621,944	60,893	0	360,988	6,113,300	1,220,992	7,334,291
Washington	136,647	1,067,234	1,125	0	3,828,914	5,033,921	627,363	5,661,284
South Dakota	93,492	193,625	242,940	822,600	4,230,130	5,582,787	45,201	5,627,988
Delaware	939	4,649,206	38,163	0	380,990	5,069,298	291,155	5,360,453
Arkansas	18,495	1,044,838	22,553	0	2,505,271	3,591,157	473,286	4,064,443
New Hampshire	11,505	3,265,819	1,238	0	18,017	3,296,579	9,272	3,305,851
Connecticut	29,766	1,342,600	243	0	0	1,372,609	1,024,374	2,396,983
Hawaii	51,536	661,212	0	0	0	712,748	60,059	772,808
Maine	11,226	154,335	252	0	0	165,814	59,992	225,806
Guam	2,999	220,798	0	0	486	224,283	0	224,283
Rhode Island	25,549	47,311	131	0	0	72,991	3,827	76,818
District of Columbia	0	53,008	0	0	0	53,008	0	53,008
Virgin Islands	164	31,000	10	0	0	31,174	0	31,174
Northern Marianas	798	7,192	0	0	0	7,990	0	7,990
American Samoa	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Total	5,736,258	792,082,173	5,512,215	71,740,345	3,826,222,733	4,701,293,724	122,236,717	4,823,530,441

* One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis.

** This table includes all off-site releases reported, including off-site transfers to disposal sent to other facilities that reported that amount as an on-site release. Such off-site transfers are only excluded where the table presents amounts for all TRI facilities, for example in Table 1. For amounts of off-site releases which exclude transfers to disposal to other TRI facilities reporting that amount as an on-site release see the individual state fact sheets.

2000 Toxics Release Inventory



Table 9. TRI On-site Releases by State, 2000, New Industries (Ordered by Total On-site Releases)*

State	On-site Releases					Total On-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	
Nevada	576,026	1,354,997	121,808	1,050	1,001,558,205	1,003,612,086
Utah	121,350	2,065,723	8,621	0	847,442,878	849,638,572
Arizona	533,508	1,991,426	2,074	0	701,508,237	704,035,245
Alaska	615,961	367,618	1,946	36,790,367	495,732,608	533,508,500
Ohio	148,436	85,558,250	164,446	16,932,740	31,306,909	134,110,781
New Mexico	76,198	602,827	8,101	0	121,057,174	121,744,300
North Carolina	101,765	85,247,357	127,482	0	9,425,327	94,901,930
West Virginia	1,089,763	62,441,303	816,286	14,399	13,470,284	77,832,034
Alabama	40,839	33,715,150	223,431	154,019	38,564,173	72,697,611
Pennsylvania	130,199	62,618,992	77,025	0	9,670,051	72,496,267
Missouri	179,080	11,595,260	152,879	0	60,501,278	72,428,496
Montana	115,989	910,339	25	0	69,119,778	70,146,130
Michigan	31,645	37,309,572	103,201	0	31,202,450	68,646,869
Florida	110,101	54,723,888	52,318	0	12,564,083	67,450,390
Tennessee	53,192	33,082,662	761,543	0	29,238,975	63,136,372
Indiana	73,259	42,252,783	181,047	0	19,482,009	61,989,097
Georgia	28,069	47,562,555	135,954	0	12,775,458	60,502,036
Kentucky	36,535	41,255,575	993,125	0	17,622,423	59,907,658
Oregon	14,890	141,408	481	0	55,008,085	55,164,864
Idaho	15,266	10,575	8,761	0	51,332,459	51,367,061
Illinois	77,924	22,066,101	77,290	0	27,825,551	50,046,866
Texas	221,773	5,817,907	51,588	5,434,677	33,338,088	44,864,033
California	220,999	842,695	3,839	0	29,762,725	30,830,257
Maryland	37,152	28,310,059	183,253	54,434	155,293	28,740,192
New York	66,686	17,384,158	366,529	0	7,939,464	25,756,836
Virginia	47,740	18,615,196	159,837	0	4,501,433	23,324,206
South Carolina	8,522	17,025,684	20,404	0	2,995,509	20,050,119
Louisiana	37,978	1,422,005	82,493	9,147,515	8,443,843	19,133,833
Colorado	26,837	1,409,634	17,751	0	17,478,713	18,932,936
Mississippi	4,636	13,817,159	3,829	0	2,760,643	16,586,267
Puerto Rico	26,679	11,949,755	70,616	0	0	12,047,050
North Dakota	6,837	1,132,766	83,493	0	10,674,101	11,897,197
Minnesota	6,386	1,111,379	19,935	0	9,611,467	10,749,167
New Jersey	195,311	9,464,681	13,079	0	1,125	9,674,195
Iowa	108,910	4,082,190	1,956	0	5,052,292	9,245,348
Kansas	24,341	2,252,599	2,450	0	6,947,278	9,226,667
Wyoming	118	743,686	13,435	0	8,454,984	9,212,223
Nebraska	27,647	3,821,862	265	0	4,884,391	8,734,165
Oklahoma	17,536	1,403,572	10,762	2,388,544	4,554,935	8,375,349
Wisconsin	27,585	6,240,700	21,312	0	933,259	7,222,856
Massachusetts	69,475	5,621,944	60,893	0	360,988	6,113,300
South Dakota	93,492	193,625	242,940	822,600	4,230,130	5,582,787
Delaware	939	4,649,206	38,163	0	380,990	5,069,298
Washington	136,647	1,067,234	1,125	0	3,828,914	5,033,921
Arkansas	18,495	1,044,838	22,553	0	2,505,271	3,591,157
New Hampshire	11,505	3,265,819	1,238	0	18,017	3,296,579
Connecticut	29,766	1,342,600	243	0	0	1,372,609
Hawaii	51,536	661,212	0	0	0	712,748
Guam	2,999	220,798	0	0	486	224,283
Maine	11,226	154,335	252	0	0	165,814
Rhode Island	25,549	47,311	131	0	0	72,991
District of Columbia	0	53,008	0	0	0	53,008
Virgin Islands	164	31,000	10	0	0	31,174
Northern Marianas	798	7,192	0	0	0	7,990
Total	5,736,258	792,082,173	5,512,215	71,740,345	3,826,222,733	4,701,293,724

* One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis.



2000 Toxics Release Inventory

Table 10. TRI On-site and Off-site Releases by State, 2000, All Industries and Chemicals not including PBT Chemicals, Vanadium and Vanadium Compounds (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal* Pounds	
Nevada	1,576,544	1,727,940	121,807	1,050	965,317,712	968,745,053	2,385,768	971,130,821
Utah	2,457,081	46,860,913	998,797	0	893,614,426	943,931,217	1,604,624	945,535,840
Arizona	1,302,660	3,877,668	9,238	0	736,577,423	741,766,989	2,277,913	744,044,902
Alaska	805,276	2,047,928	103,633	36,781,256	495,730,432	535,468,525	4,326	535,472,851
Texas	41,239,075	61,877,951	33,050,807	94,803,062	38,321,284	269,292,179	28,899,340	298,191,519
Ohio	15,406,773	128,615,745	7,666,270	30,285,027	45,274,435	227,248,250	52,467,664	279,715,914
Pennsylvania	9,023,925	87,558,522	43,259,441	0	13,480,159	153,322,048	69,290,494	222,612,542
Indiana	13,570,338	75,136,903	17,951,443	1,026,106	30,915,076	138,599,866	62,301,228	200,901,093
Tennessee	14,141,896	89,950,095	3,222,052	5	43,022,981	150,337,029	7,851,283	158,188,312
North Carolina	6,724,539	118,844,215	9,158,766	0	10,173,832	144,901,352	11,078,625	155,979,977
Louisiana	13,627,145	56,623,505	12,753,745	51,703,538	14,242,094	148,950,027	4,816,543	153,766,570
Illinois	12,581,992	55,420,333	6,827,372	500	44,409,798	119,239,995	30,412,841	149,652,836
Alabama	9,240,328	71,874,591	6,847,329	154,005	44,365,101	132,481,354	15,364,820	147,846,174
Florida	6,763,593	80,522,046	1,796,107	34,779,577	12,873,273	136,734,597	4,464,096	141,198,692
Michigan	6,102,263	64,994,941	1,133,799	2,057,816	32,129,978	106,418,796	32,569,108	138,987,905
Missouri	5,027,759	33,336,405	1,946,631	2	84,080,278	124,391,075	5,944,316	130,335,391
New Mexico	367,550	890,905	45,397	895	120,745,312	122,050,059	2,648,565	124,698,624
Montana	550,469	5,679,833	47,446	0	110,457,829	116,735,577	5,149,898	121,885,474
Georgia	8,279,494	87,802,718	6,496,722	0	13,310,438	115,889,372	4,717,927	120,607,299
Kentucky	6,893,859	61,577,749	3,370,632	2,837	18,896,815	90,741,892	8,044,297	98,786,189
West Virginia	4,035,182	69,304,617	4,667,088	14,409	11,628,490	89,649,786	5,435,248	95,085,034
Oregon	2,505,194	13,866,606	3,607,619	0	55,083,074	75,062,493	6,653,416	81,715,909
Virginia	6,654,736	52,533,219	8,208,824	0	5,483,028	72,879,807	8,340,674	81,220,481
Mississippi	6,823,775	38,174,126	13,537,979	11,491,637	8,063,857	78,091,374	1,602,739	79,694,113
South Carolina	6,842,884	48,834,078	2,958,992	0	4,977,499	63,613,453	15,461,520	79,074,972
California	6,205,814	17,622,914	6,090,868	48,794	33,941,558	63,909,948	11,095,203	75,005,151
Idaho	1,970,514	3,562,992	6,219,860	0	62,179,809	73,933,175	473,134	74,406,309
New York	3,880,926	29,362,450	8,988,271	250	7,827,274	50,059,171	9,333,838	59,393,010
Arkansas	4,826,832	21,353,998	2,226,387	1,464,573	5,747,825	35,619,615	14,042,938	49,662,553
Wisconsin	3,128,988	25,890,124	3,562,854	0	1,821,496	34,403,462	14,910,843	49,314,305
Maryland	1,110,881	34,917,859	3,553,025	54,300	3,894,625	43,530,690	1,307,137	44,837,827
Iowa	4,105,628	19,632,257	5,597,893	0	6,410,797	35,746,575	7,611,375	43,357,950
Kansas	2,966,426	14,011,559	1,248,475	487,900	8,405,224	27,119,584	11,013,093	38,132,677
Oklahoma	3,898,276	14,818,927	2,518,356	2,460,937	5,213,715	28,910,211	3,844,951	32,755,162
Minnesota	2,891,866	12,236,746	1,360,398	0	9,636,238	26,125,248	6,370,044	32,495,292
Colorado	879,053	2,950,031	3,171,064	0	17,572,303	24,572,451	5,690,972	30,263,423
Nebraska	1,331,836	7,030,549	10,830,967	0	5,424,888	24,618,240	5,317,687	29,935,927
Washington	3,183,054	16,619,260	2,776,722	0	3,832,231	26,411,267	3,052,238	29,463,505
New Jersey	2,994,750	14,164,805	5,527,761	3	192,423	22,879,742	6,056,762	28,936,504
North Dakota	346,992	2,883,044	125,839	0	10,442,707	13,798,582	10,008,539	23,807,121
Wyoming	556,435	1,479,322	24,519	9,365,405	8,242,893	19,668,574	1,197,527	20,866,101
Puerto Rico	2,508,594	14,921,181	49,723	2	12,085	17,491,585	939,178	18,430,763
Delaware	771,681	7,019,208	864,686	0	500,395	9,155,970	3,717,634	12,873,604
Massachusetts	1,007,759	8,156,307	146,676	0	214,493	9,525,235	2,688,736	12,213,972
Maine	709,412	5,614,010	2,148,587	0	898,708	9,370,717	1,087,488	10,458,205
South Dakota	609,360	1,439,789	2,316,563	822,600	4,266,183	9,454,495	122,197	9,576,692
Connecticut	1,617,450	3,889,385	815,862	0	49,403	6,372,100	2,236,787	8,608,887
New Hampshire	279,214	5,130,233	95,465	0	60,136	5,565,048	584,836	6,149,884
Rhode Island	289,434	688,812	1,341	0	18	979,605	280,940	1,260,545
Hawaii	210,821	843,641	1,200	7,278	31,833	1,094,773	160,070	1,254,843
Virgin Islands	151,313	431,194	38,423	0	1,003	621,933	14,068	636,001
Vermont	47,436	72,238	178,519	0	255	298,448	99,016	397,464
Guam	2,691	220,796	0	0	405	223,892	0	223,892
District of Columbia	0	53,000	272	0	12,978	66,250	7	66,257
American Samoa	16,780	0	0	0	0	16,780	0	16,780
Northern Marianas	798	7,192	0	0	0	7,990	0	7,990
Total	255,045,346	1,644,957,375	260,268,510	277,813,764	4,050,008,524	6,488,093,519	513,044,508	7,001,138,027

Note: This table is for comparison with 1998 and 1999 data. Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.

2000 Toxics Release Inventory



Table 11. TRI On-site and Off-site Releases by State, 2000, Original (Manufacturing) Industries and Chemicals not including PBT Chemicals, Vanadium and Vanadium Compounds (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal Pounds	
Texas	41,017,985	56,078,298	32,999,276	89,369,100	6,838,655	226,303,314	21,025,226	247,328,540
Ohio	15,259,702	43,099,200	7,505,321	13,353,027	15,468,797	94,686,047	47,974,373	142,660,420
Pennsylvania	8,895,090	25,198,951	43,182,622	0	5,074,066	82,350,730	58,909,349	141,260,079
Indiana	13,497,132	33,828,609	17,770,411	1,026,106	13,143,603	79,265,861	58,810,514	138,076,375
Louisiana	13,589,178	55,204,294	12,671,504	42,556,458	6,018,839	130,040,273	4,793,944	134,834,217
Utah	2,336,125	44,798,904	990,430	0	56,497,234	104,622,693	5,157,920	109,780,613
Illinois	12,504,166	33,366,040	6,753,447	500	16,806,460	69,430,613	35,989,699	105,420,313
Tennessee	14,089,474	56,877,230	2,508,577	5	14,902,872	88,378,158	7,725,459	96,103,617
Alabama	9,207,246	38,179,949	6,632,771	5	8,149,027	62,168,998	19,725,732	81,894,730
Florida	6,653,523	26,262,144	1,744,607	34,779,577	2,028,932	71,468,784	2,848,798	74,317,582
Georgia	8,251,428	40,254,370	6,360,772	0	1,855,960	56,722,530	8,336,262	65,058,792
Mississippi	6,819,139	24,385,136	13,534,153	11,491,637	5,447,802	61,677,867	1,630,238	63,308,105
North Carolina	6,622,811	33,611,205	9,033,504	0	1,837,537	51,105,057	10,991,313	62,096,370
South Carolina	6,834,486	31,809,964	2,938,767	0	2,094,526	43,677,743	17,753,340	61,431,083
Michigan	6,070,708	27,763,280	1,031,617	2,057,816	1,836,996	38,760,416	21,750,894	60,511,310
Missouri	4,848,684	21,747,374	1,793,785	2	24,185,863	52,575,708	5,884,666	58,460,374
Arkansas	4,808,686	20,312,426	2,203,837	1,464,573	3,246,741	32,036,263	26,037,657	58,073,920
Virginia	6,607,223	33,927,516	8,049,706	0	1,675,149	50,259,594	7,502,286	57,761,880
Montana	434,707	4,773,301	47,426	0	41,554,773	46,810,207	5,391,311	52,201,518
California	5,985,110	16,780,760	6,087,128	48,794	4,648,206	33,549,998	8,834,875	42,384,872
Kentucky	6,857,607	20,339,891	2,474,680	2,837	3,673,443	33,348,458	7,739,512	41,087,970
Iowa	3,996,770	15,554,330	5,595,938	0	1,358,619	26,505,657	14,278,229	40,783,886
Arizona	770,465	1,888,720	7,164	0	35,637,239	38,303,588	1,183,784	39,487,372
Wisconsin	3,101,489	19,655,503	3,541,547	0	920,801	27,219,340	11,044,231	38,263,571
New York	3,814,285	12,022,288	8,626,002	250	389,777	24,852,602	6,778,880	31,631,482
Oregon	2,490,318	13,725,750	3,607,138	0	391,627	20,214,833	10,969,149	31,183,982
Kansas	2,942,432	11,768,536	1,246,043	487,900	1,646,525	18,091,436	12,846,908	30,938,344
Nebraska	1,304,204	3,215,013	10,830,702	0	658,994	16,008,913	9,780,501	25,789,414
Washington	3,046,418	15,552,797	2,775,676	0	405,477	21,780,368	2,840,546	24,620,913
Oklahoma	3,880,759	13,418,283	2,507,594	72,393	771,230	20,650,259	3,039,876	23,690,135
Idaho	1,955,261	3,552,499	6,211,101	0	10,873,912	22,592,773	498,628	23,091,401
Minnesota	2,885,520	11,135,716	1,341,693	0	230,147	15,593,076	3,984,986	19,578,062
New Jersey	2,799,734	4,702,991	5,514,957	3	191,298	13,208,983	5,345,964	18,554,947
West Virginia	2,945,457	6,874,437	3,850,965	10	23,985	13,694,854	3,451,052	17,145,906
Maryland	1,073,999	6,620,211	3,380,027	0	3,769,223	14,843,460	868,687	15,712,147
Wyoming	556,320	739,127	11,085	9,365,405	11,055	10,682,992	944,396	11,627,388
Maine	698,223	5,469,378	2,148,373	0	898,708	9,214,682	1,084,536	10,299,218
Delaware	770,742	2,372,464	826,523	0	194,448	4,164,177	3,478,840	7,643,017
Colorado	852,319	1,541,511	3,153,737	0	276,171	5,823,738	1,174,403	6,998,141
Connecticut	1,587,684	2,570,238	815,619	0	49,403	5,022,944	1,393,205	6,416,149
Puerto Rico	2,481,915	3,006,062	40,764	2	12,085	5,540,828	842,732	6,383,560
Massachusetts	938,357	2,552,156	139,065	0	9,408	3,638,987	1,937,580	5,576,566
Nevada	1,002,787	387,133	0	0	879,165	2,269,085	2,186,641	4,455,726
South Dakota	515,870	1,246,501	2,073,623	0	64,083	3,900,077	77,002	3,977,079
New Hampshire	267,711	1,865,109	94,227	0	46,831	2,273,878	585,328	2,859,206
North Dakota	340,419	1,807,071	42,346	0	2,863	2,192,699	36,025	2,228,724
Alaska	189,315	1,680,458	101,687	256	4,645	1,976,361	750	1,977,111
Rhode Island	263,890	641,503	1,218	0	18	906,629	279,698	1,186,327
New Mexico	291,634	290,078	37,296	895	124,686	744,589	94,651	839,240
Virgin Islands	151,149	400,958	38,413	0	1,003	591,523	14,113	605,636
Hawaii	159,287	185,041	1,200	7,278	31,833	384,639	154,116	538,755
Vermont	47,436	72,238	178,519	0	255	298,448	100,036	398,484
American Samoa	16,780	0	0	0	0	16,780	0	16,780
District of Columbia	0	0	272	0	12,978	13,250	7	13,257
Guam	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0
Total	249,329,161	855,112,942	255,054,853	206,084,829	296,873,973	1,862,455,758	486,108,846	2,348,564,604

Note: This table is for comparison with 1998 and 1999 data. Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.



2000 Toxics Release Inventory

Table 12. TRI On-site and Off-site Releases by State, 2000, New Industries and Chemicals not including PBT Chemicals, Vanadium and Vanadium Compounds (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal Pounds	
Nevada	573,757	1,340,807	121,807	1,050	964,438,547	966,475,968	256,209	966,732,177
Utah	120,956	2,062,009	8,367	0	837,117,192	839,308,524	219,081	839,527,605
Arizona	532,195	1,988,948	2,074	0	700,940,184	703,463,401	1,657,267	705,120,668
Alaska	615,961	367,470	1,946	36,781,000	495,725,787	533,492,164	4,326	533,496,490
Ohio	147,071	85,516,545	160,949	16,932,000	29,805,638	132,562,203	11,624,042	144,186,245
New Mexico	75,916	600,827	8,101	0	120,620,626	121,305,470	4,766,918	126,072,388
North Carolina	101,728	85,233,010	125,262	0	8,336,295	93,796,295	534,492	94,330,787
Pennsylvania	128,835	62,359,571	76,819	0	8,406,093	70,971,318	12,632,540	83,603,858
Michigan	31,555	37,231,661	102,182	0	30,292,982	67,658,380	11,407,457	79,065,837
West Virginia	1,089,725	62,430,180	816,123	14,399	11,604,505	75,954,932	2,064,761	78,019,693
Missouri	179,075	11,589,031	152,846	0	59,894,415	71,815,367	111,182	71,926,549
Alabama	33,082	33,694,642	214,558	154,000	36,216,074	70,312,356	614,518	70,926,874
Montana	115,762	906,532	20	0	68,903,056	69,925,370	137,745	70,063,115
Indiana	73,206	41,308,294	181,032	0	17,771,473	59,334,005	8,564,134	67,898,139
Florida	110,070	54,259,902	51,500	0	10,844,341	65,265,813	1,861,333	67,127,146
Tennessee	52,422	33,072,865	713,475	0	28,120,109	61,958,871	676,967	62,635,838
Georgia	28,066	47,548,348	135,950	0	11,454,478	59,166,842	4,579	59,171,421
Kentucky	36,252	41,237,858	895,952	0	15,223,372	57,393,434	810,988	58,204,422
Illinois	77,826	22,054,293	73,925	0	27,603,338	49,809,382	6,513,320	56,322,702
Oregon	14,876	140,856	481	0	54,691,447	54,847,660	4,367	54,852,027
Texas	221,090	5,799,653	51,531	5,433,962	31,482,629	42,988,865	11,208,219	54,197,084
Idaho	15,253	10,493	8,759	0	51,305,897	51,340,402	8	51,340,410
California	220,704	842,154	3,740	0	29,293,352	30,359,950	5,106,895	35,466,845
Maryland	36,882	28,297,648	172,998	54,300	125,402	28,687,230	476,665	29,163,895
New York	66,641	17,340,162	362,269	0	7,437,497	25,206,569	3,852,566	29,059,135
Colorado	26,734	1,408,520	17,327	0	17,296,132	18,748,713	5,015,807	23,764,520
Virginia	47,513	18,605,703	159,118	0	3,807,879	22,620,213	879,203	23,499,416
North Dakota	6,573	1,075,973	83,493	0	10,439,844	11,605,883	9,972,522	21,578,405
South Carolina	8,398	17,024,114	20,225	0	2,882,973	19,935,710	251,906	20,187,616
Louisiana	37,967	1,419,211	82,241	9,147,080	8,223,255	18,909,754	233,768	19,143,522
Mississippi	4,636	13,788,990	3,826	0	2,616,055	16,413,507	0	16,413,507
Minnesota	6,346	1,101,030	18,705	0	9,406,091	10,532,172	2,461,094	12,993,266
Puerto Rico	26,679	11,915,119	8,959	0	0	11,950,757	101,397	12,052,154
Wisconsin	27,499	6,234,621	21,307	0	900,695	7,184,122	4,329,269	11,513,391
New Jersey	195,016	9,461,814	12,804	0	1,125	9,670,759	862,722	10,533,481
Iowa	108,858	4,077,927	1,955	0	5,052,178	9,240,918	576,729	9,817,647
Wyoming	115	740,195	13,434	0	8,231,838	8,985,582	773,393	9,758,975
Kansas	23,994	2,243,023	2,432	0	6,758,699	9,028,148	422,587	9,450,735
Oklahoma	17,517	1,400,644	10,762	2,388,544	4,442,485	8,259,952	899,670	9,159,622
Nebraska	27,632	3,815,536	265	0	4,765,894	8,609,327	182,210	8,791,537
Massachusetts	69,402	5,604,151	7,611	0	205,085	5,886,249	770,161	6,656,410
South Dakota	93,490	193,288	242,940	822,600	4,202,100	5,554,418	45,195	5,599,613
Delaware	939	4,646,744	38,163	0	305,947	4,991,793	239,044	5,230,837
Washington	136,636	1,066,463	1,046	0	3,426,754	4,630,899	596,617	5,227,516
Arkansas	18,146	1,041,572	22,550	0	2,501,084	3,583,352	472,842	4,056,194
New Hampshire	11,503	3,265,124	1,238	0	13,305	3,291,170	5,360	3,296,530
Connecticut	29,766	1,319,147	243	0	0	1,349,156	960,356	2,309,512
Hawaii	51,534	658,600	0	0	0	710,134	43,614	753,748
Guam	2,691	220,796	0	0	405	223,892	0	223,892
Maine	11,189	144,632	214	0	0	156,035	4,992	161,027
Rhode Island	25,544	47,309	123	0	0	72,976	3,827	76,803
District of Columbia	0	53,000	0	0	0	53,000	0	53,000
Virgin Islands	164	30,236	10	0	0	30,410	0	30,410
Northern Marianas	798	7,192	0	0	0	7,990	0	7,990
Total	5,716,185	789,844,433	5,213,657	71,728,935	3,753,134,552	4,625,637,761	115,214,864	4,740,852,625

Note: This table is for comparison with 1998 and 1999 data. Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

2000 Toxics Release Inventory



Table 13. TRI On-site and Off-site Releases by State, 1999, All Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal* Pounds	
Nevada	2,578,097	2,181,422	136,432	2,797	1,167,095,137	1,171,993,885	136,854	1,172,130,739
Utah	2,391,460	50,439,614	1,053,308	3,850	1,104,646,819	1,158,535,051	1,439,381	1,159,974,432
Arizona	2,056,776	3,779,610	6,850	15	956,333,075	962,176,326	1,471,352	963,647,678
Alaska	840,372	1,863,871	96,222	34,946,256	372,601,895	410,348,616	4,457	410,353,073
Texas	41,208,715	70,368,734	32,653,746	90,752,865	54,284,973	289,269,033	25,965,153	315,234,186
Ohio	17,733,801	131,218,226	6,976,450	27,645,086	70,624,072	254,197,635	46,815,916	301,013,551
Pennsylvania	10,423,035	99,354,696	49,055,195	0	14,253,763	173,086,688	57,991,230	231,077,918
Indiana	15,510,849	83,928,863	7,237,519	890,265	32,189,031	139,756,527	55,497,790	195,254,317
New Mexico	652,578	1,006,509	60,245	315	167,793,464	169,513,111	2,410,530	171,923,641
Illinois	13,200,350	72,766,100	6,712,078	1,200	46,450,705	139,130,433	29,116,430	168,246,863
North Carolina	7,038,773	116,592,020	8,779,888	0	18,987,514	151,398,195	6,795,617	158,193,812
Tennessee	14,718,285	93,799,953	2,925,716	2	36,849,411	148,293,367	7,316,112	155,609,480
Louisiana	13,532,011	54,792,408	15,186,689	48,038,209	18,938,044	150,487,361	3,553,761	154,041,122
Florida	6,208,903	88,010,322	2,325,746	32,769,162	12,402,059	141,716,192	4,649,480	146,365,672
Michigan	7,144,531	71,438,725	1,191,332	2,571,942	16,766,342	99,112,872	46,589,690	145,702,562
Alabama	10,716,389	72,348,205	6,972,061	126,505	36,365,518	126,528,678	7,930,404	134,459,082
Georgia	7,287,670	96,757,482	7,712,221	0	13,155,566	124,912,939	3,776,351	128,689,290
Montana	650,911	5,848,185	36,051	0	120,320,836	126,855,983	491,047	127,347,030
Missouri	5,759,837	35,946,289	3,498,287	0	74,951,378	120,155,791	4,716,435	124,872,226
Kentucky	8,542,398	67,218,930	2,723,601	0	15,484,497	93,969,426	7,598,261	101,567,687
West Virginia	4,016,585	73,215,238	7,909,873	10	11,032,961	96,174,667	3,964,022	100,138,689
Idaho	2,160,502	4,262,059	9,139,534	0	71,595,748	87,157,843	391,445	87,549,288
Virginia	7,561,701	53,990,699	6,156,183	0	5,360,760	73,069,343	10,605,723	83,675,066
South Carolina	6,622,785	51,907,386	3,500,225	0	12,399,732	74,430,128	8,308,218	82,738,346
Mississippi	6,821,699	38,041,012	14,625,400	8,326,762	6,696,173	74,511,046	1,451,426	75,962,472
New York	3,761,978	32,775,415	9,834,596	250	14,025,757	60,397,996	9,748,851	70,146,847
Oregon	4,404,433	12,991,567	3,283,113	0	41,253,101	61,932,214	4,539,889	66,472,103
California	7,908,467	18,388,563	4,848,876	47,992	25,381,670	56,575,568	8,596,803	65,172,371
Wisconsin	3,731,824	33,365,663	3,543,140	0	2,593,588	43,234,215	14,923,398	58,157,613
Iowa	4,855,888	26,808,658	3,974,969	0	7,730,483	43,369,998	7,782,589	51,152,587
Kansas	3,325,030	14,948,224	1,208,171	1,170,464	8,806,657	29,458,546	15,392,549	44,851,095
Maryland	1,063,823	36,556,833	2,849,576	34,700	2,446,164	42,951,096	1,035,397	43,986,493
Arkansas	5,396,794	22,723,070	1,866,285	775,088	5,248,389	36,009,626	7,908,075	43,917,701
Oklahoma	3,960,193	14,529,391	3,063,852	2,566,726	9,017,997	33,138,159	4,219,801	37,357,960
Minnesota	3,117,686	12,931,390	1,756,278	0	9,229,426	27,034,780	4,536,686	31,571,466
New Jersey	3,188,077	13,845,077	5,347,900	4	572,724	22,953,782	5,500,425	28,454,207
Washington	3,193,606	17,211,093	3,120,633	0	2,447,059	25,972,391	1,653,660	27,626,051
Nebraska	1,611,915	7,012,307	11,347,161	0	5,046,888	25,018,271	2,369,495	27,387,766
Colorado	1,031,536	3,110,960	3,188,231	143,612	13,546,132	21,020,471	5,893,872	26,914,343
North Dakota	439,393	3,347,416	225,149	0	9,165,021	13,176,979	10,492,060	23,669,039
Wyoming	809,585	1,584,833	18,447	8,082,205	8,289,061	18,784,131	1,025,369	19,809,500
Puerto Rico	2,473,077	15,099,264	80,784	0	169,867	17,822,992	741,628	18,564,620
South Dakota	609,422	1,791,884	1,582,993	0	7,649,242	11,633,541	457,939	12,091,480
Massachusetts	1,162,803	7,665,616	168,010	0	7,132	9,003,561	2,959,372	11,962,933
Delaware	747,950	5,912,242	1,197,813	0	462,571	8,320,576	3,071,199	11,391,775
Maine	723,848	6,836,076	910,405	0	787,171	9,257,500	932,188	10,189,688
Connecticut	1,471,020	3,327,313	1,014,158	0	21,202	5,833,693	2,143,600	7,977,293
New Hampshire	313,109	4,911,569	125,582	0	74,237	5,424,497	482,864	5,907,361
Hawaii	201,525	1,383,284	2,721	5,070	38,163	1,630,763	50,338	1,681,101
Rhode Island	334,569	736,657	1,376	0	5	1,072,607	321,954	1,394,561
Virgin Islands	244,839	474,000	45,857	0	1,791	766,487	1,744	768,231
Vermont	61,064	92,352	179,767	0	1,010	334,193	240,847	575,040
Guam	121,003	380,013	25	0	67	501,108	0	501,108
District of Columbia	0	79,000	44	0	0	79,044	18,052	97,096
American Samoa	10,515	5,612	1	0	0	16,128	0	16,128
Northern Marianas	848	2,539	25	0	0	3,412	0	3,412
Total	275,654,833	1,761,904,439	261,456,790	258,901,352	4,631,592,048	7,189,509,462	456,027,728	7,645,537,190

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.



2000 Toxics Release Inventory

**Table 14. TRI On-site and Off-site Releases by State, 1999, Original (Manufacturing) Industries
(Ordered by Total Releases)**

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal Pounds	
Texas	40,786,720	62,483,393	32,551,064	86,572,912	19,447,259	241,841,348	19,912,868	261,754,216
Ohio	17,480,049	45,579,690	6,775,706	14,285,086	19,526,170	103,646,701	47,875,698	151,522,399
Pennsylvania	10,338,058	26,670,513	48,992,193	0	4,979,676	90,980,439	49,884,156	140,864,595
Louisiana	13,508,002	53,344,255	15,108,339	45,230,834	7,394,566	134,585,996	3,665,308	138,251,304
Indiana	15,319,815	37,001,443	7,092,122	890,265	15,574,438	75,878,083	58,935,588	134,813,671
Illinois	13,075,871	38,112,441	6,459,438	1,200	19,302,528	76,951,478	31,842,507	108,793,985
Tennessee	14,680,957	60,540,207	2,205,292	2	15,787,535	93,213,993	11,000,553	104,214,546
Utah	2,292,593	48,357,844	1,037,763	3,850	30,693,684	82,385,734	6,442,616	88,828,350
Alabama	10,696,715	39,625,739	6,755,205	5	10,750,126	67,827,790	12,151,447	79,979,237
Florida	6,096,343	27,392,647	2,271,201	32,769,162	1,991,956	70,521,309	4,255,829	74,777,138
Michigan	7,095,432	30,688,303	1,051,635	2,571,942	2,351,990	43,759,302	29,706,902	73,466,204
Georgia	7,262,869	42,165,069	7,598,249	0	1,929,321	58,955,508	9,360,820	68,316,328
North Carolina	6,949,804	35,144,409	8,700,137	0	9,779,784	60,574,134	6,980,250	67,554,384
South Carolina	6,616,186	36,628,379	3,462,246	0	3,695,811	50,402,622	16,682,692	67,085,314
Mississippi	6,819,273	26,076,005	14,622,025	8,326,762	5,323,415	61,167,480	1,476,692	62,644,172
Virginia	7,524,278	35,127,072	6,094,765	0	2,162,510	50,908,625	9,977,162	60,885,787
Missouri	5,542,302	23,364,649	3,343,918	0	19,508,624	51,759,493	4,758,297	56,517,790
Arkansas	5,384,228	21,688,062	1,841,520	775,088	2,492,240	32,181,138	18,988,069	51,169,207
Arizona	1,435,133	1,767,705	5,452	15	46,860,267	50,068,572	824,148	50,892,720
Montana	466,590	4,880,184	36,041	0	43,140,420	48,523,235	1,468,486	49,991,721
Kentucky	8,511,254	22,449,582	1,736,361	0	2,159,645	34,856,842	8,318,049	43,174,891
Wisconsin	3,712,404	21,868,906	3,523,115	0	1,197,062	30,301,487	11,636,832	41,938,319
California	7,587,283	17,252,362	4,845,724	47,992	4,123,301	33,856,662	7,693,741	41,550,403
Iowa	4,844,012	17,675,340	3,968,412	0	3,119,675	29,607,439	11,446,109	41,053,548
Kansas	3,266,233	12,862,575	1,201,781	1,170,464	1,937,670	20,438,723	16,377,696	36,816,419
New York	3,639,418	13,262,227	9,465,223	250	355,481	26,722,599	9,537,695	36,260,294
Oregon	4,389,503	12,753,124	3,283,053	0	478,097	20,903,777	10,296,518	31,200,295
Idaho	2,143,745	4,245,523	9,128,008	0	12,199,726	27,717,002	504,904	28,221,906
Washington	3,179,413	15,962,995	3,118,991	0	185,081	22,446,480	1,759,373	24,205,853
Oklahoma	3,942,339	12,984,238	3,047,274	52,827	626,609	20,653,287	2,844,261	23,497,548
Nebraska	1,588,243	3,548,721	11,294,646	0	729,937	17,161,547	6,218,715	23,380,262
West Virginia	3,451,537	8,105,169	7,606,558	10	125,383	19,288,657	2,279,516	21,568,173
Minnesota	3,109,429	11,983,596	1,735,706	0	317,866	17,146,597	3,512,947	20,659,544
New Mexico	538,644	435,592	52,043	315	19,279,439	20,306,033	200,826	20,506,859
New Jersey	2,980,844	5,779,893	5,333,034	4	189,024	14,282,799	4,765,815	19,048,614
Maryland	1,030,480	6,965,630	2,625,929	0	2,345,404	12,967,443	674,304	13,641,747
Wyoming	807,191	772,526	6,099	8,082,205	12,553	9,680,574	754,118	10,434,692
Maine	711,404	6,726,708	910,012	0	787,171	9,135,295	926,466	10,061,761
Delaware	744,514	2,510,738	1,185,991	0	278,311	4,719,554	3,005,591	7,725,145
Colorado	989,580	1,743,579	3,167,507	0	105,002	6,005,668	1,501,025	7,506,693
Puerto Rico	2,442,987	3,597,803	70,474	0	3,911	6,115,175	607,578	6,722,753
Connecticut	1,449,130	2,691,864	1,013,893	0	21,202	5,176,089	1,405,804	6,581,893
Nevada	1,311,148	977,838	0	0	3,404,963	5,693,949	33,577	5,727,526
Massachusetts	1,059,781	2,770,494	166,691	0	2,044	3,999,010	1,699,100	5,698,110
South Dakota	484,280	1,587,903	1,354,662	0	11,742	3,438,587	88,157	3,526,744
New Hampshire	313,057	2,198,458	125,582	0	53,937	2,691,034	469,525	3,160,559
North Dakota	432,625	1,857,039	162,418	0	2,756	2,454,838	156,491	2,611,329
Alaska	324,257	1,299,171	94,126	256	577	1,718,387	0	1,718,387
Rhode Island	322,047	670,689	1,335	0	5	994,076	324,866	1,318,942
Virgin Islands	243,964	406,403	45,847	0	1,791	698,005	1,179	699,184
Vermont	61,064	92,352	179,767	0	1,010	334,193	241,957	576,150
Hawaii	159,278	194,190	2,429	5,065	38,098	399,060	1,893	400,953
District of Columbia	0	0	44	0	0	44	18,052	18,096
American Samoa	10,500	0	0	0	0	10,500	0	10,500
Guam	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0
Total	269,152,806	914,871,237	256,457,046	200,786,511	336,786,793	1,978,054,393	455,492,768	2,433,547,161

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

2000 Toxics Release Inventory



Table 15. TRI On-site and Off-site Releases by State, 1999, New Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal* Pounds	
Nevada	1,266,949	1,203,584	136,432	2,797	1,163,690,174	1,166,299,936	584,497	1,166,884,433
Utah	98,867	2,081,770	15,545	0	1,073,953,135	1,076,149,317	354,699	1,076,504,016
Arizona	621,643	2,011,905	1,398	0	909,472,808	912,107,754	738,905	912,846,659
Alaska	516,115	564,700	2,096	34,946,000	372,601,318	408,630,229	4,457	408,634,686
Ohio	253,752	85,638,536	200,744	13,360,000	51,097,902	150,550,934	12,587,926	163,138,860
New Mexico	113,934	570,917	8,202	0	148,514,025	149,207,078	4,315,610	153,522,688
Pennsylvania	84,977	72,684,183	63,002	0	9,274,087	82,106,249	10,236,297	92,342,546
North Carolina	88,969	81,447,611	79,751	0	9,207,730	90,824,061	549,990	91,374,051
West Virginia	565,048	65,110,069	303,315	0	10,907,578	76,886,010	1,844,370	78,730,380
Montana	184,321	968,001	10	0	77,180,416	78,332,748	376,802	78,709,550
Michigan	49,099	40,750,422	139,697	0	14,414,352	55,353,570	17,358,390	72,711,960
Florida	112,560	60,617,675	54,545	0	10,410,103	71,194,883	1,101,789	72,296,672
Indiana	191,034	46,927,420	145,397	0	16,614,593	63,878,444	8,226,775	72,105,219
Illinois	124,479	34,653,659	252,640	0	27,148,177	62,178,955	7,515,320	69,694,275
Missouri	217,535	12,581,640	154,369	0	55,442,754	68,396,298	411	68,396,709
Georgia	24,801	54,592,413	113,972	0	11,226,245	65,957,431	19,643	65,977,074
Kentucky	31,144	44,769,348	987,240	0	13,324,852	59,112,584	997,471	60,110,055
Idaho	16,757	16,536	11,526	0	59,396,022	59,440,841	49	59,440,890
Alabama	19,674	32,722,466	216,856	126,500	25,615,392	58,700,888	330,921	59,031,809
Texas	421,995	7,885,341	102,682	4,179,953	34,837,714	47,427,685	9,403,053	56,830,738
Tennessee	37,328	33,259,746	720,424	0	21,061,876	55,079,374	320,710	55,400,084
Oregon	14,930	238,443	60	0	40,775,004	41,028,437	18,791	41,047,228
New York	122,560	19,513,188	369,373	0	13,670,276	33,675,397	793,585	34,468,982
Maryland	33,343	29,591,203	223,647	34,700	100,760	29,983,653	373,312	30,356,965
California	321,184	1,136,201	3,152	0	21,258,369	22,718,906	3,522,129	26,241,035
South Carolina	6,599	15,279,007	37,979	0	8,703,921	24,027,506	274,750	24,302,256
Virginia	37,423	18,863,627	61,418	0	3,198,250	22,160,718	1,005,308	23,166,026
North Dakota	6,768	1,490,377	62,731	0	9,162,265	10,722,141	10,338,610	21,060,751
Colorado	41,956	1,367,381	20,724	143,612	13,441,130	15,014,803	4,689,602	19,704,405
Wisconsin	19,420	11,496,757	20,025	0	1,396,526	12,932,728	4,609,842	17,542,570
Louisiana	24,009	1,448,153	78,350	2,807,375	11,543,478	15,901,365	126,690	16,028,055
Iowa	11,876	9,133,318	6,557	0	4,610,808	13,762,559	364,340	14,126,899
Oklahoma	17,854	1,545,153	16,578	2,513,899	8,391,388	12,484,872	1,570,761	14,055,633
Mississippi	2,426	11,965,007	3,375	0	1,372,758	13,343,566	16	13,343,582
Puerto Rico	30,090	11,501,461	10,310	0	165,956	11,707,817	150,694	11,858,511
Minnesota	8,257	947,794	20,572	0	8,911,560	9,888,183	1,233,338	11,121,521
Wyoming	2,394	812,307	12,348	0	8,276,508	9,103,557	637,629	9,741,186
Kansas	58,797	2,085,649	6,390	0	6,868,987	9,019,823	483,993	9,503,816
New Jersey	207,233	8,065,184	14,866	0	383,700	8,670,983	805,895	9,476,878
South Dakota	125,142	203,981	228,331	0	7,637,500	8,194,954	369,782	8,564,736
Nebraska	23,672	3,463,586	52,515	0	4,316,951	7,856,724	415,643	8,272,367
Massachusetts	103,022	4,895,122	1,319	0	5,088	5,004,551	1,415,963	6,420,514
Arkansas	12,566	1,035,008	24,765	0	2,756,149	3,828,488	396,756	4,225,244
Washington	14,193	1,248,098	1,642	0	2,261,978	3,525,911	256,300	3,782,211
Delaware	3,436	3,401,504	11,822	0	184,260	3,601,022	71,152	3,672,174
New Hampshire	52	2,713,111	0	0	20,300	2,733,463	24,070	2,757,533
Connecticut	21,890	635,449	265	0	0	657,604	882,561	1,540,165
Hawaii	42,247	1,189,094	292	5	65	1,231,703	48,445	1,280,148
Guam	121,003	380,013	25	0	67	501,108	0	501,108
Maine	12,444	109,368	393	0	0	122,205	7,804	130,009
Rhode Island	12,522	65,968	41	0	0	78,531	16,498	95,029
District of Columbia	0	79,000	0	0	0	79,000	0	79,000
Virgin Islands	875	67,597	10	0	0	68,482	1,010	69,492
American Samoa	15	5,612	1	0	0	5,628	0	5,628
Northern Marianas	848	2,539	25	0	0	3,412	0	3,412
Total	6,502,027	847,033,202	4,999,744	58,114,841	4,294,805,255	5,211,455,069	111,773,354	5,323,228,423

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.



2000 Toxics Release Inventory

Table 16. TRI On-site and Off-site Releases by State, 1998, All Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal* Pounds	
Nevada	1,880,986	2,481,713	241,523	1,404	1,305,386,310	1,309,991,936	92,603	1,310,084,539
Arizona	4,296,136	5,833,853	6,236	4	1,058,551,905	1,068,688,134	971,393	1,069,659,527
Utah	2,149,103	62,570,523	1,146,781	0	506,092,279	571,958,686	896,918	572,855,604
Ohio	18,089,129	142,663,434	6,273,156	28,770,724	94,508,480	290,304,923	48,166,517	338,471,440
Texas	44,098,617	77,768,123	31,829,690	93,204,877	52,339,860	299,241,167	24,666,992	323,908,159
Alaska	1,055,721	1,967,500	97,777	29,024,256	284,396,015	316,541,269	5,082	316,546,351
New Mexico	1,065,124	1,514,536	57,999	0	256,151,227	258,788,886	5,693,525	264,482,411
Pennsylvania	11,105,789	85,913,764	48,619,870	80,401	12,031,798	157,751,622	58,179,593	215,931,215
Indiana	17,606,408	80,502,877	3,002,263	1,040,393	33,923,634	136,075,575	55,214,699	191,290,274
Illinois	14,182,449	77,437,074	7,153,809	250	49,681,178	148,454,760	27,884,951	176,339,711
Louisiana	16,357,217	61,530,643	9,984,484	54,817,278	16,500,114	159,189,736	3,983,502	163,173,238
North Carolina	8,482,715	109,487,426	7,897,062	0	19,289,228	145,156,431	5,345,854	150,502,285
Tennessee	14,256,479	92,498,463	3,544,413	3,830,800	27,867,093	141,997,248	6,473,048	148,470,296
Michigan	7,777,084	69,616,724	865,684	3,459,889	19,822,548	101,541,929	40,435,249	141,977,178
Florida	6,354,280	85,133,549	2,094,330	27,505,379	14,923,452	136,010,990	4,368,624	140,379,614
Alabama	12,237,079	71,238,684	6,163,048	45,005	41,380,693	131,064,509	8,621,102	139,685,611
Missouri	6,655,821	36,636,670	5,047,335	0	79,590,524	127,930,350	4,599,044	132,529,394
Montana	792,089	4,452,565	94,168	0	118,638,755	123,977,577	2,939,650	126,917,227
Idaho	2,288,705	4,341,489	6,540,072	0	108,094,963	121,265,229	549,080	121,814,309
Georgia	6,552,603	89,016,047	7,357,935	0	13,313,843	116,240,428	2,438,468	118,678,896
West Virginia	4,001,716	71,840,613	7,800,433	38	11,680,203	95,323,003	8,293,530	103,616,533
Kentucky	9,137,738	67,465,847	2,791,706	8,613	17,993,054	97,396,958	5,572,411	102,969,369
South Carolina	6,958,151	52,681,447	4,572,058	0	33,467,789	97,679,445	4,753,264	102,432,709
Virginia	9,217,549	54,290,731	5,719,948	0	4,374,229	73,602,457	8,097,319	81,699,776
Mississippi	8,081,266	37,190,881	14,058,367	6,892,506	7,542,991	73,766,011	1,249,377	75,015,388
New York	4,710,995	33,732,467	11,594,710	250	16,600,241	66,638,663	5,818,532	72,457,195
California	9,218,762	19,530,021	3,941,961	81,905	26,149,377	58,922,027	8,452,876	67,374,903
Wisconsin	3,965,047	35,184,302	5,627,278	0	3,234,605	48,011,232	14,835,305	62,846,537
Iowa	6,196,311	28,732,609	3,709,015	0	7,020,941	45,658,876	7,902,342	53,561,218
Oregon	3,982,042	12,579,028	3,597,715	0	26,705,630	46,864,415	2,768,832	49,633,247
Kansas	4,330,816	20,400,007	848,125	1,352,672	8,146,066	35,077,686	9,188,819	44,266,505
Arkansas	5,977,813	21,492,109	1,843,503	1,248,950	4,366,173	34,928,548	7,811,556	42,740,104
Oklahoma	4,778,147	15,450,875	2,308,848	4,473,550	9,286,713	36,298,133	4,339,262	40,637,395
Maryland	1,297,316	31,760,557	2,553,054	45,000	2,142,319	37,798,246	1,162,566	38,960,812
Washington	4,034,764	19,225,651	3,126,558	0	4,254,483	30,641,456	3,568,539	34,209,995
Colorado	1,342,235	3,636,359	2,392,817	3,975,708	15,478,671	26,825,790	5,513,847	32,339,637
Minnesota	3,275,947	13,886,141	1,424,465	0	9,668,127	28,254,680	3,844,381	32,099,061
Nebraska	2,000,655	8,540,545	10,669,938	0	4,201,003	25,412,141	5,233,680	30,645,821
New Jersey	3,373,486	14,173,663	6,499,934	4	652,942	24,700,029	4,573,869	29,273,898
North Dakota	929,755	2,621,390	102,291	0	8,784,273	12,437,709	11,450,410	23,888,119
Wyoming	823,108	3,184,820	18,972	7,656,805	9,932,166	21,615,871	1,212,012	22,827,883
South Dakota	712,904	1,959,316	1,022,862	0	18,717,562	22,412,644	222,230	22,634,874
Puerto Rico	2,790,863	13,875,038	80,698	0	164,298	16,910,897	1,000,966	17,911,863
Delaware	722,809	9,034,679	1,126,652	0	937,927	11,822,067	3,910,967	15,733,034
Massachusetts	1,476,899	7,477,112	202,319	0	43,682	9,200,012	4,009,391	13,209,403
Connecticut	1,973,551	4,335,906	995,835	0	38,106	7,343,398	3,185,218	10,528,616
Maine	1,026,035	5,752,382	1,120,939	0	861,519	8,760,875	1,176,231	9,937,106
New Hampshire	286,265	6,038,710	127,644	0	103,787	6,556,406	481,169	7,037,575
Rhode Island	607,444	1,357,610	1,880	0	505	1,967,439	343,318	2,310,757
Hawaii	201,233	1,794,453	2,057	3,849	33,634	2,035,226	85,903	2,121,129
Virgin Islands	653,318	420,306	37,913	0	1,502	1,113,039	29,001	1,142,040
Vermont	75,523	115,141	152,219	0	1,005	343,888	191,129	535,017
District of Columbia	2,950	66,000	6	0	8,800	77,756	5	77,761
American Samoa	8,765	5,131	1	0	0	13,897	0	13,897
Guam	8,476	1,307	1,275	0	0	11,058	0	11,058
Northern Marianas	2,585	481	20	0	0	3,086	0	3,086
Total	305,466,773	1,782,439,292	248,091,651	267,520,510	4,365,078,222	6,968,596,449	441,804,147	7,410,400,596

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.

2000 Toxics Release Inventory



**Table 17. TRI On-site and Off-site Releases by State, 1998, Original (Manufacturing) Industries
(Ordered by Total Releases)**

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal Pounds	
Texas	43,632,295	69,932,494	31,783,507	86,749,236	20,863,420	252,960,952	18,830,498	271,791,450
Ohio	17,828,215	47,208,092	5,884,324	13,329,724	30,062,795	114,313,150	45,305,731	159,618,881
Louisiana	16,324,216	57,311,699	9,905,234	54,307,033	8,184,456	146,032,638	4,120,482	150,153,120
Pennsylvania	11,010,730	28,198,389	47,976,137	0	2,182,224	89,367,480	58,394,722	147,762,202
Indiana	17,481,683	36,094,911	2,686,750	1,039,913	16,192,998	73,496,255	50,333,621	123,829,876
Illinois	14,098,065	45,149,957	7,107,273	250	20,387,394	86,742,939	30,981,014	117,723,953
Utah	2,011,107	59,274,082	1,131,846	0	36,146,610	98,563,645	7,764,597	106,328,242
Tennessee	14,213,659	65,626,323	2,329,386	3,830,800	9,512,432	95,512,600	7,838,914	103,351,514
Michigan	7,685,033	34,006,508	664,017	3,459,889	2,098,002	47,913,449	35,787,572	83,701,021
Alabama	12,213,169	42,628,063	5,911,527	5	12,127,004	72,879,768	9,464,581	82,344,349
Florida	6,236,726	28,704,716	2,044,465	27,505,379	4,074,193	68,565,479	2,520,973	71,086,452
North Carolina	8,443,755	36,628,017	7,796,240	0	10,984,353	63,852,365	5,899,368	69,751,733
Georgia	6,533,170	41,754,789	7,220,026	0	2,177,321	57,685,306	10,304,306	67,989,612
Mississippi	8,066,734	27,897,389	14,053,619	6,892,506	5,514,461	62,424,709	1,345,977	63,770,686
South Carolina	6,882,772	38,302,576	4,537,517	0	2,169,616	51,892,481	11,104,373	62,996,854
Virginia	9,183,836	36,743,118	5,441,555	0	1,566,194	52,934,703	8,110,668	61,045,371
Missouri	6,471,753	23,654,083	4,887,437	0	19,722,963	54,736,236	4,667,237	59,403,473
Arizona	3,842,597	2,069,186	5,088	4	47,286,302	53,203,177	1,170,716	54,373,893
Arkansas	5,963,695	20,210,793	1,822,695	1,248,950	2,300,762	31,546,895	19,950,239	51,497,134
Montana	620,871	3,503,149	94,158	0	42,130,849	46,349,027	4,846,224	51,195,251
Wisconsin	3,942,708	21,337,736	5,601,370	0	1,540,063	32,421,877	13,648,901	46,070,778
California	8,680,428	18,649,231	3,920,066	81,905	2,279,049	33,610,679	10,588,321	44,199,000
Kentucky	9,087,455	22,609,967	1,273,818	8,613	4,143,079	37,122,932	6,299,625	43,422,557
Iowa	6,178,837	19,536,711	3,692,798	0	2,255,674	31,664,020	9,320,349	40,984,369
New York	4,586,600	17,306,652	11,421,142	250	210,258	33,524,902	5,883,824	39,408,726
Oregon	3,961,214	12,383,350	3,597,677	0	2,390,727	22,332,968	11,648,450	33,981,418
Kansas	4,288,261	15,433,284	840,590	1,352,672	1,759,847	23,674,654	9,209,614	32,884,268
Washington	3,979,019	18,023,429	3,125,695	0	320,859	25,449,002	5,850,756	31,299,758
West Virginia	3,563,501	8,908,295	7,429,646	20	43,562	19,945,024	6,399,492	26,344,516
Oklahoma	4,767,927	12,341,863	2,246,974	3,363,799	805,622	23,526,185	2,753,387	26,279,572
New Mexico	830,560	718,706	49,523	0	23,285,554	24,884,343	109,396	24,993,739
Nebraska	1,975,272	4,480,670	10,549,178	0	541,002	17,546,122	6,798,293	24,344,415
Idaho	2,262,444	4,298,749	6,532,148	0	10,235,212	23,328,553	596,183	23,924,736
Minnesota	3,267,819	12,821,741	1,407,078	0	287,772	17,784,410	2,857,212	20,641,622
New Jersey	3,177,891	6,373,510	6,462,172	4	341,042	16,354,619	4,228,510	20,583,129
Maryland	1,261,496	6,944,048	2,420,279	0	1,994,661	12,620,484	674,973	13,295,457
Maine	1,015,415	5,666,696	1,120,839	0	861,519	8,664,469	1,161,429	9,825,898
Wyoming	819,909	917,401	6,325	7,656,805	40,649	9,441,089	345,911	9,787,000
Delaware	717,317	3,539,220	1,066,912	0	347,348	5,670,797	3,730,574	9,401,371
Connecticut	1,900,271	2,965,298	995,751	0	38,106	5,899,426	2,174,937	8,074,363
Massachusetts	1,329,585	3,541,048	192,316	0	4,347	5,067,296	2,363,593	7,430,889
Puerto Rico	2,561,158	3,938,799	18,575	0	9,557	6,528,089	741,419	7,269,508
Colorado	1,168,521	1,812,926	2,387,311	0	78,414	5,447,172	1,098,162	6,545,334
Nevada	579,806	1,188,485	0	0	2,419,871	4,188,162	22,772	4,210,934
South Dakota	609,781	1,783,002	808,061	0	13,807	3,214,651	125,225	3,339,876
New Hampshire	286,217	2,012,075	127,644	0	82,087	2,508,023	438,995	2,947,018
North Dakota	909,158	1,376,918	43,280	0	2,506	2,331,862	148,217	2,480,079
Alaska	478,945	1,361,325	96,453	256	157	1,937,136	11,086	1,948,222
Rhode Island	596,911	864,356	1,519	0	505	1,463,291	327,783	1,791,074
Virgin Islands	653,038	362,229	37,903	0	1,502	1,054,672	29,138	1,083,810
Vermont	75,523	115,141	152,219	0	1,005	343,888	195,395	539,283
Hawaii	161,163	214,953	2,057	3,849	33,634	415,656	20,175	435,831
District of Columbia	2,700	0	6	0	8,800	11,506	5	11,511
American Samoa	8,750	0	0	0	0	8,750	0	8,750
Guam	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0
Total	298,429,681	978,726,148	240,910,126	210,831,862	352,062,146	2,080,959,963	448,543,915	2,529,503,878

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.



2000 Toxics Release Inventory

Table 18. TRI On-site and Off-site Releases by State, 1998, New Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases Pounds	Off-site Releases	Total On- and Off-site Releases Pounds
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds		Transfers Off-site to Disposal Pounds	
Nevada	1,301,180	1,293,228	241,523	1,404	1,302,966,439	1,305,803,774	309,452	1,306,113,226
Arizona	453,539	3,764,667	1,148	0	1,011,265,603	1,015,484,957	73,605	1,015,558,562
Utah	137,996	3,296,441	14,935	0	469,945,669	473,395,041	368,146	473,763,187
Alaska	576,776	606,175	1,324	29,024,000	284,395,858	314,604,133	4,801	314,608,934
New Mexico	234,564	795,830	8,476	0	232,865,673	233,904,543	5,584,140	239,488,683
Ohio	260,914	95,455,342	388,832	15,441,000	64,445,685	175,991,773	13,682,632	189,674,405
Idaho	26,261	42,740	7,924	0	97,859,751	97,936,676	73	97,936,749
North Carolina	38,960	72,859,409	100,822	0	8,304,875	81,304,066	688,889	81,992,955
Pennsylvania	95,059	57,715,375	643,733	80,401	9,849,574	68,384,142	10,804,992	79,189,134
Montana	171,218	949,416	10	0	76,507,906	77,628,550	246,350	77,874,900
West Virginia	438,215	62,932,318	370,787	18	11,636,641	75,377,979	1,959,041	77,337,020
Indiana	124,725	44,407,966	315,513	480	17,730,636	62,579,320	12,621,776	75,201,096
Missouri	184,068	12,982,587	159,898	0	59,867,561	73,194,114	4,223	73,198,337
Florida	117,554	56,428,833	49,865	0	10,849,259	67,445,511	2,531,777	69,977,288
Illinois	84,384	32,287,117	46,536	0	29,293,784	61,711,821	5,399,481	67,111,302
Kentucky	50,283	44,855,880	1,517,888	0	13,849,975	60,274,026	649,251	60,923,277
Michigan	92,051	35,610,216	201,667	0	17,724,546	53,628,480	5,718,204	59,346,684
Alabama	23,910	28,610,621	251,521	45,000	29,253,689	58,184,741	531,501	58,716,242
Georgia	19,433	47,261,258	137,909	0	11,136,522	58,555,122	2,544	58,557,666
Texas	466,322	7,835,629	46,183	6,455,641	31,476,440	46,280,215	11,946,266	58,226,481
Tennessee	42,820	26,872,140	1,215,027	0	18,354,661	46,484,648	577,195	47,061,843
South Carolina	75,379	14,378,871	34,541	0	31,298,173	45,786,964	275,042	46,062,006
New York	124,395	16,425,815	173,568	0	16,389,983	33,113,761	555,836	33,669,597
Colorado	173,714	1,823,433	5,506	3,975,708	15,400,257	21,378,618	4,797,683	26,176,301
Maryland	35,820	24,816,509	132,775	45,000	147,658	25,177,762	509,326	25,687,088
California	538,334	880,791	21,895	0	23,870,328	25,311,348	341,137	25,652,485
Oregon	20,828	195,678	38	0	24,314,903	24,531,447	21,657	24,553,104
North Dakota	20,597	1,244,472	59,011	0	8,781,767	10,105,847	11,302,469	21,408,316
Virginia	33,713	17,547,613	278,393	0	2,808,035	20,667,754	370,603	21,038,357
South Dakota	103,123	176,314	214,801	0	18,703,755	19,197,993	97,005	19,294,998
Wisconsin	22,339	13,846,566	25,908	0	1,694,542	15,589,355	2,297,025	17,886,380
Iowa	17,474	9,195,898	16,217	0	4,765,267	13,994,856	1,040,966	15,035,822
Oklahoma	10,220	3,109,012	61,874	1,109,751	8,481,091	12,771,948	1,760,195	14,532,143
Wyoming	3,199	2,267,419	12,647	0	9,891,517	12,174,782	1,169,392	13,344,174
Louisiana	33,001	4,218,944	79,250	510,245	8,315,658	13,157,098	154,129	13,311,227
Minnesota	8,128	1,064,400	17,387	0	9,380,355	10,470,270	1,156,994	11,627,264
Kansas	42,555	4,966,723	7,535	0	6,386,219	11,403,032	109,640	11,512,672
Mississippi	14,532	9,293,492	4,748	0	2,028,530	11,341,302	751	11,342,053
Puerto Rico	229,705	9,936,239	62,123	0	154,741	10,382,808	271,514	10,654,322
New Jersey	195,595	7,800,153	37,762	0	311,900	8,345,410	414,419	8,759,829
Nebraska	25,383	4,059,875	120,760	0	3,660,001	7,866,019	190,056	8,056,075
Washington	55,745	1,202,222	863	0	3,933,624	5,192,454	1,813,895	7,006,349
Delaware	5,492	5,495,459	59,740	0	590,579	6,151,270	264,462	6,415,732
Massachusetts	147,314	3,936,064	10,003	0	39,335	4,132,716	1,811,579	5,944,295
New Hampshire	48	4,026,635	0	0	21,700	4,048,383	49,870	4,098,253
Arkansas	14,118	1,281,316	20,808	0	2,065,411	3,381,653	432,623	3,814,276
Connecticut	73,280	1,370,608	84	0	0	1,443,972	1,162,485	2,606,457
Hawaii	40,070	1,579,500	0	0	0	1,619,570	82,635	1,702,205
Rhode Island	10,533	493,254	361	0	0	504,148	36,656	540,804
Maine	10,620	85,686	100	0	0	96,406	17,164	113,570
District of Columbia	250	66,000	0	0	0	66,250	0	66,250
Virgin Islands	280	58,077	10	0	0	58,367	35	58,402
Guam	8,476	1,307	1,275	0	0	11,058	0	11,058
American Samoa	15	5,131	1	0	0	5,147	0	5,147
Northern Marianas	2,585	481	20	0	0	3,086	0	3,086
Total	7,037,092	803,713,145	7,181,525	56,688,648	4,013,016,076	4,887,636,486	106,211,582	4,993,848,068

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

2000 Toxics Release Inventory



Table 19. TRI On-site and Off-site Releases by State, 1995-2000 (Ordered by Total Releases, 2000)

State	Total On-site and Off-site Releases					
	1995 Pounds	1996 Pounds	1997 Pounds	1998* Pounds	1999* Pounds	2000* Pounds
Texas	310,738,357	270,134,217	266,425,833	271,791,450	261,754,216	247,328,540
Ohio	155,679,025	161,252,220	163,302,282	159,618,881	151,522,399	142,660,420
Pennsylvania	131,648,994	121,775,015	147,042,294	147,762,202	140,864,595	141,260,079
Indiana	116,513,413	121,176,972	130,878,009	123,829,876	134,813,671	138,076,375
Louisiana	159,168,910	160,928,158	152,790,690	150,153,120	138,251,304	134,834,217
Utah	79,904,280	88,102,563	103,937,970	106,328,242	88,828,350	109,780,613
Illinois	122,359,451	117,285,959	127,574,024	117,723,953	108,793,985	105,420,313
Tennessee	118,089,095	117,965,834	108,328,716	103,351,514	104,214,546	96,103,617
Alabama	116,065,659	106,161,444	97,005,811	82,344,349	79,979,237	81,894,730
Florida	58,466,339	69,822,895	71,114,509	71,086,452	74,777,138	74,317,582
Georgia	63,827,604	64,928,684	75,853,565	67,989,612	68,316,328	65,058,792
Mississippi	69,428,922	68,225,276	71,135,225	63,770,686	62,644,172	63,308,105
North Carolina	87,924,230	86,652,512	78,401,763	69,751,733	67,554,384	62,096,370
South Carolina	62,956,450	61,939,712	63,801,941	62,996,854	67,085,314	61,431,083
Michigan	104,111,338	95,651,286	87,562,656	83,701,021	73,466,204	60,511,310
Missouri	62,023,427	63,238,282	63,899,455	59,403,473	56,517,790	58,460,374
Arkansas	39,984,677	43,958,677	61,282,386	51,497,134	51,169,207	58,073,920
Virginia	64,344,308	63,126,597	62,617,248	61,045,371	60,885,787	57,761,880
Montana	43,931,034	48,499,594	43,593,544	51,195,251	49,991,721	52,201,518
California	56,897,722	55,034,997	45,441,669	44,199,000	41,550,403	42,384,872
Kentucky	52,248,223	52,172,756	49,127,090	43,422,557	43,174,891	41,087,970
Iowa	39,935,610	36,151,833	34,963,545	40,984,369	41,053,548	40,783,886
Arizona	40,458,932	79,577,238	64,570,561	54,373,893	50,892,720	39,487,372
Wisconsin	47,844,006	46,587,993	53,763,205	46,070,778	41,938,319	38,263,571
New York	46,747,464	42,144,214	42,298,795	39,408,726	36,260,294	31,631,482
Oregon	28,668,682	29,668,710	30,134,113	33,981,418	31,200,295	31,183,982
Kansas	29,597,612	26,959,350	30,145,523	32,884,268	36,816,419	30,938,344
Nebraska	16,985,467	15,568,507	20,020,769	24,344,415	23,380,262	25,789,414
Washington	28,665,204	27,874,480	30,874,070	31,299,758	24,205,853	24,620,913
Oklahoma	31,991,627	27,960,959	27,252,527	26,279,572	23,497,548	23,690,135
Idaho	16,070,326	18,464,681	18,972,658	23,924,736	28,221,906	23,091,401
Minnesota	25,492,093	22,888,759	21,184,370	20,641,622	20,659,544	19,578,062
New Jersey	22,238,933	20,090,573	21,866,315	20,583,129	19,048,614	18,554,947
West Virginia	33,019,670	29,775,361	25,021,112	26,344,516	21,568,173	17,145,906
Maryland	18,190,447	13,162,664	14,044,895	13,295,457	13,641,747	15,712,147
Wyoming	11,276,641	9,666,901	9,279,018	9,787,000	10,434,692	11,627,388
Maine	11,514,875	9,643,377	9,924,859	9,825,898	10,061,761	10,299,218
Delaware	8,565,076	7,853,478	8,586,461	9,401,371	7,725,145	7,643,017
Colorado	5,408,113	6,227,921	6,060,747	6,545,334	6,546,693	6,998,141
Connecticut	12,296,033	9,581,972	10,563,103	8,074,363	6,581,893	6,416,149
Puerto Rico	10,140,521	9,078,094	8,057,693	7,269,508	6,722,753	6,383,560
Massachusetts	10,281,884	8,317,567	7,377,443	7,430,889	5,698,110	5,576,566
Nevada	3,935,174	3,814,669	4,475,411	4,210,934	5,727,526	4,455,726
South Dakota	4,199,868	3,747,281	4,243,546	3,339,876	3,526,744	3,977,079
New Hampshire	2,925,757	2,979,906	2,874,895	2,947,018	3,160,559	2,859,206
North Dakota	2,932,742	2,325,272	2,421,935	2,480,079	2,611,329	2,228,724
Alaska	6,840,330	6,908,783	4,618,294	1,948,222	1,718,387	1,977,111
Rhode Island	3,409,299	2,402,671	2,225,383	1,791,074	1,318,942	1,186,327
New Mexico	45,093,600	44,548,369	41,967,718	24,993,739	20,506,859	839,240
Virgin Islands	1,492,942	1,505,334	1,427,872	1,083,810	699,184	605,636
Hawaii	656,692	540,267	450,463	435,831	400,953	538,755
Vermont	756,200	708,722	772,648	539,283	576,150	398,484
American Samoa	5,300	10,500	7,000	8,750	10,500	16,780
District of Columbia	56,970	9,460	6,615	11,511	18,096	13,257
Guam	3,100	3,000	0	0	0	0
Total	2,644,008,648	2,604,782,516	2,631,570,242	2,529,503,878	2,433,547,161	2,348,564,604

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

* Includes amounts for original industries (Manufacturing) only for 1998, 1999 and 2000. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis.



2000 Toxics Release Inventory

Table 20. TRI On-site and Off-site Releases by State, 1988, 1995-2000 (Ordered by Total Releases, 2000)

State	Total On-site and Off-site Releases						
	1988 Pounds	1995 Pounds	1996 Pounds	1997 Pounds	1998* Pounds	1999* Pounds	2000* Pounds
Texas	321,577,820	209,429,214	185,682,277	179,961,539	173,496,940	169,060,229	153,353,067
Ohio	205,694,553	124,850,006	129,032,587	132,310,300	128,687,863	118,735,382	111,027,301
Indiana	184,434,062	94,375,620	101,262,969	111,968,149	107,333,901	114,436,479	107,659,883
Utah	123,806,702	69,448,989	77,709,907	96,508,119	99,566,067	82,740,312	103,544,631
Pennsylvania	136,179,383	97,533,140	86,982,838	96,025,520	89,446,253	82,867,297	89,539,344
Tennessee	126,817,343	99,830,267	100,269,808	90,220,240	85,250,264	88,939,475	81,817,775
Louisiana	129,420,427	104,585,037	105,816,139	95,302,222	93,458,891	79,153,978	80,493,561
Illinois	140,573,584	86,651,438	82,933,998	92,386,616	84,464,905	81,387,234	79,081,479
Alabama	110,922,290	100,804,573	90,005,807	80,185,698	66,803,571	63,009,388	56,786,556
Michigan	141,123,476	90,390,844	81,932,475	75,321,503	73,634,263	64,557,147	52,349,598
Missouri	91,070,880	50,604,985	50,177,788	53,103,036	48,656,778	47,782,664	51,612,893
South Carolina	66,039,899	49,929,719	49,602,560	52,597,020	51,284,465	56,793,611	51,231,521
Montana	35,625,165	42,644,621	47,219,566	42,565,595	50,413,720	48,910,116	51,220,963
Arkansas	40,996,723	26,486,070	31,523,129	50,219,350	40,313,189	40,468,391	47,154,825
Georgia	85,765,368	42,851,048	43,157,003	53,405,348	47,124,448	45,961,060	44,010,160
Mississippi	59,651,911	46,611,487	47,130,655	46,567,368	40,907,258	40,057,285	41,797,977
North Carolina	124,100,458	63,685,423	63,434,791	55,387,725	48,868,440	46,318,110	40,452,336
Arizona	66,277,785	38,292,775	77,870,115	63,504,206	53,507,482	50,244,633	38,791,909
Virginia	112,416,988	40,821,801	39,956,357	41,468,713	39,960,002	39,936,289	35,158,990
Florida	33,072,117	28,500,582	34,208,057	31,706,248	30,717,560	29,792,284	31,853,173
Wisconsin	62,274,220	34,815,630	33,178,210	34,087,492	33,859,160	31,899,806	28,857,383
Kentucky	65,721,292	34,300,302	33,347,992	35,180,922	31,196,969	31,114,788	28,001,161
Iowa	42,934,452	22,724,494	19,464,077	20,220,714	25,176,756	25,828,508	25,599,633
Oregon	21,644,797	22,284,500	23,542,120	23,830,178	28,145,143	25,721,830	25,234,485
California	110,115,278	37,678,890	35,676,523	28,195,957	27,820,113	24,741,625	24,613,903
New York	100,843,418	31,621,596	28,555,348	28,308,657	22,502,618	22,597,084	18,011,770
Kansas	30,432,061	17,782,791	17,447,869	18,924,428	17,661,135	20,440,814	16,929,946
Washington	30,580,855	22,674,180	22,173,303	24,717,421	24,383,461	17,283,345	16,899,193
Minnesota	55,926,652	18,495,027	17,196,449	15,641,746	15,104,394	14,702,365	14,693,656
Oklahoma	30,500,648	16,402,187	15,523,156	15,596,041	14,284,615	13,834,077	13,748,552
Idaho	7,322,393	12,031,656	13,788,949	12,910,189	12,781,628	14,807,741	13,040,641
Nebraska	17,118,171	11,329,577	8,869,402	13,931,830	10,239,069	8,971,266	11,743,506
New Jersey	48,348,925	14,720,546	12,856,468	14,173,661	11,837,964	11,839,110	11,624,395
Maryland	20,174,210	11,926,623	9,347,805	9,852,302	8,770,454	9,090,566	10,597,834
West Virginia	39,652,656	19,945,903	17,636,966	15,250,550	16,316,831	11,768,140	10,229,984
Maine	15,545,584	6,963,175	5,607,312	6,300,525	6,596,541	5,929,349	6,285,656
Delaware	8,670,965	5,686,997	4,887,918	5,868,525	5,871,162	5,316,024	5,616,395
Puerto Rico	12,868,595	8,875,886	7,932,881	7,170,123	6,578,349	5,881,742	5,612,529
Massachusetts	32,241,203	8,937,499	7,170,834	6,446,078	6,659,443	5,082,715	4,927,004
Connecticut	38,469,275	9,301,679	7,369,208	8,433,209	6,090,141	4,508,778	4,482,680
Nevada	2,357,318	3,392,483	3,331,244	4,048,209	3,689,730	5,392,857	4,089,052
Colorado	15,722,607	3,287,329	2,974,378	2,757,737	3,254,427	3,089,266	2,838,741
New Hampshire	13,975,968	2,251,591	2,260,437	2,370,165	2,322,755	2,482,914	2,295,567
Wyoming	1,978,542	1,246,678	1,235,602	1,252,171	1,284,341	1,588,687	1,526,965
South Dakota	2,370,743	1,918,587	1,416,920	1,348,332	1,376,713	1,086,971	1,208,263
Rhode Island	7,818,730	3,181,398	2,252,956	2,064,200	1,646,825	1,177,550	1,082,516
North Dakota	1,162,780	1,206,639	773,687	794,419	1,075,999	998,822	761,358
New Mexico	30,426,504	43,452,109	42,795,317	40,106,889	23,801,419	20,035,159	549,985
Virgin Islands	2,592,912	1,235,660	1,232,275	1,184,171	916,521	543,292	471,556
Hawaii	847,805	562,284	448,355	343,620	306,151	267,212	413,374
Alaska	3,714,069	2,158,743	1,683,698	779,835	314,358	208,583	217,560
Vermont	1,661,916	562,610	353,789	346,203	243,959	240,147	170,392
District of Columbia	750	56,970	9,460	6,615	11,511	18,096	13,062
American Samoa	0	0	0	0	0	0	0
Guam	0	3,100	3,000	0	0	0	0
Total	3,211,583,228	1,941,342,958	1,928,252,734	1,943,157,629	1,826,016,915	1,739,640,594	1,661,326,638

Note: Does not include delisted chemicals, chemicals added in 1990, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, PBT chemicals, sulfuric acid, vanadium and vanadium compounds.

* Includes amounts for original industries (Manufacturing) only for 1998, 1999 and 2000. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis.